

FORM IV-2 (Obverse) (12-81)



Date: April 30, 19 82

Operator's Well No. Two A

API Well No. 47 085 5601

State - County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 935 Watershed: Whiskey Run District: Clay County: Ritchie Quadrangle: Ellen Boxo, 7.5

WELL OPERATOR Kober Oil Inc DESIGNATED AGENT Mike Strickland Address Route #1 Cairo W. VA. 26337

OIL & GAS ROYALTY OWNER Everett Mason et ux COAL OPERATOR NA Address Linn W. VA. 21384 Farm A

SURFACE OWNER Everett Mason et ux COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address RECEIVED MAY - 3 1982

FIELD SALE (IF MADE) TO: Address NA OIL AND GAS DIVISION WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED Name Doc Mace Address R-1 Box 65 Sandridge W VA. Phone 304-655-8693

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X other contract / dated 2-3, 19 82, to the undersigned well operator from Everett Mason Linn W Va. 26384

Recorded on 11-30, 19 81, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Book 141 at page 189. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X / Plug off old formation / Perforate new formation / Other physical change in well (specify) -planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

04/19/2024 Kober Oil Inc. Well Operator By Bill Strickland Its U.P.



**PROPOSED WORK ORDER**

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) C.H. & M  
Address Clarksburg W. VA.

GEOLOGICAL TARGET FORMATION, Brailer shale

Estimated depth of completed well, 5900 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 70 feet; salt, 0 feet.

Approximate coal seam depths:      Is coal being mined in the area? Yes      / No      /

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	<u>11 3/4</u>				<u>X</u>	<u>40 FT.</u>			Kinds
Fresh Water	<u>8 5/8</u>		<u>23 Lb.</u>	<u>X</u>		<u>1085</u>		<u>TO SURFACE</u>	
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>		<u>10.5</u>	<u>X</u>			<u>5900</u>	<u>AS REC. 500</u>	<u>SX or</u>
Tubing	<u>2 3/8</u>			<u>X</u>			<u>5900</u>	<u>By Role 150ll</u>	
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**  
**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**  
**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**  
**APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE**  
**IF OPERATIONS HAVE NOT COMMENCED BY 1-10-83**  
**BY [Signature]**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**WAIVER**

The undersigned coal operator      / owner      / lessee      / of the coal under this well location 04/19/2024 proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.


Date:     , 19     


By       
Its

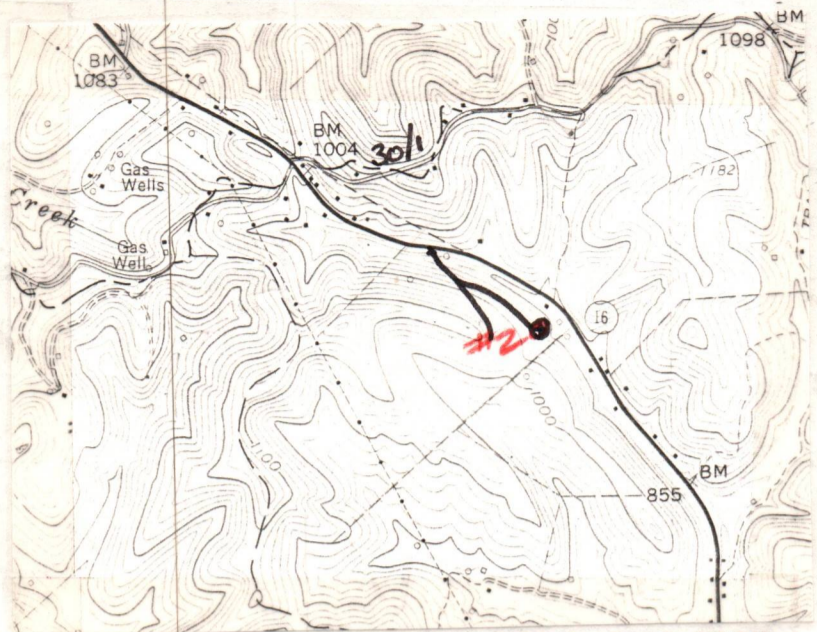


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. SUPERANGLE

LEGEND

Well Site 


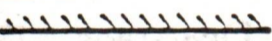
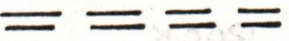






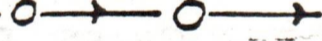


Access Road 

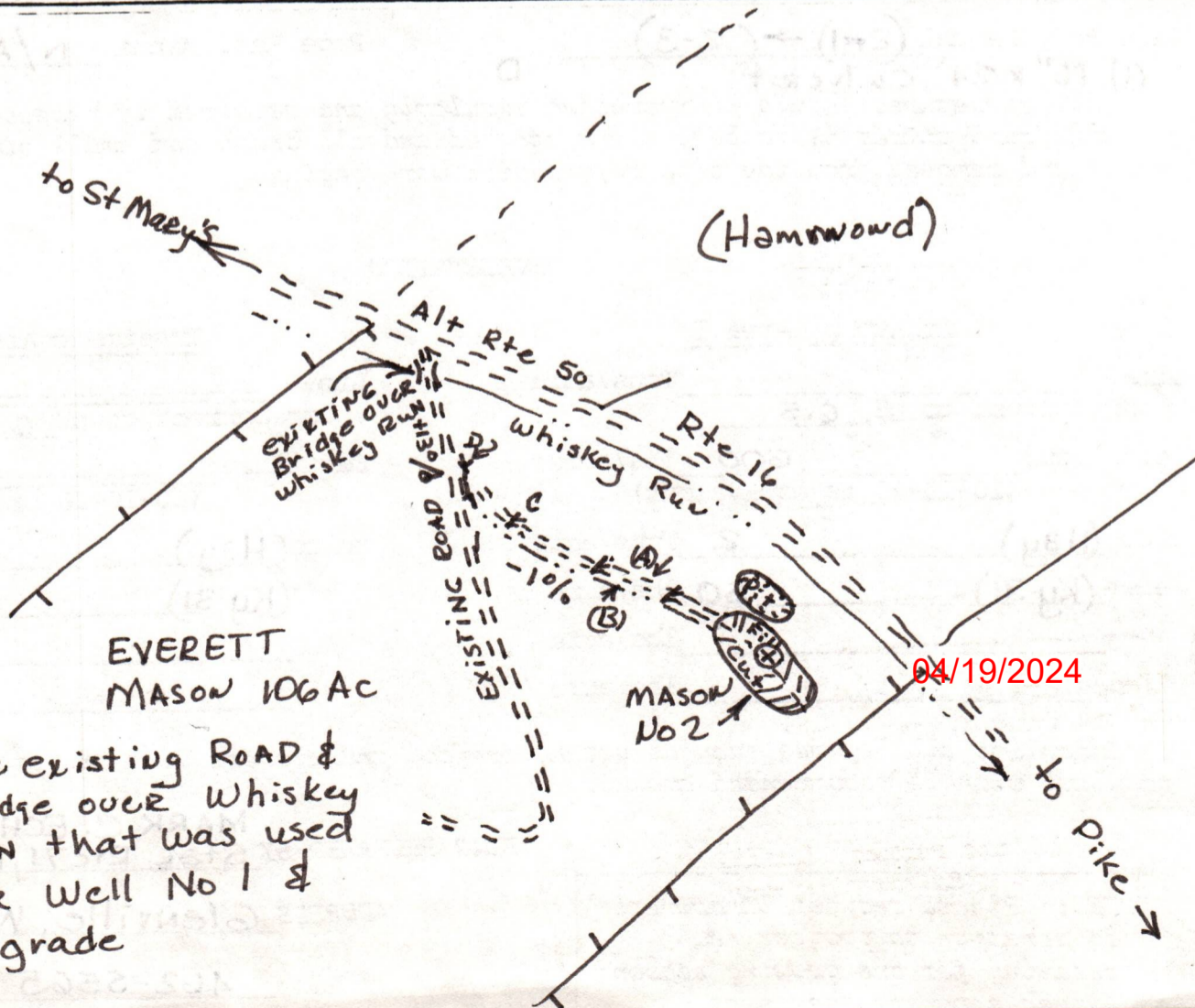


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



Note: Use existing ROAD & bridge over Whiskey Run that was used for Well No 1 & upgrade



DATE April 30, 1982  
WELL NO. TWO (MASON 106A)  
API NO. 47-085 5601

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kober Oil, Inc.  
Address Rtc #1 CAIRO, W. Va. 26337  
Telephone 485-6200, ext. 115  
LANDOWNER Everett Mason, et ux  
Revegetation to be carried out by Mike Strickland (Agent)

DESIGNATED AGENT Mike Strickland  
Address Rtc #1 CAIRO, W. VA. 26337  
Telephone 485-6200, ext. 115  
SOIL CONS. DISTRICT Little Kanawha

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-3-82 (Date)  
Jarrett Newlon (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>EARTHEN &amp; STONE</u> (A) Spacing _____ Page Ref. Manual <u>(2-12)</u>	Structure <u>Diversion Ditches</u> Material <u>Earthen</u> Page Ref. Manual <u>(2-10)(5)</u>
Structure <u>Drainage Ditch</u> Spacing _____ Page Ref. Manual <u>(2-10)(6)</u>	Structure <u>Rock-Rip-RAP</u> Material <u>ROCK</u> Page Ref. Manual <u>(2-14) 9</u>
Structure <u>CROSS DRAINS</u> (C) Spacing _____ Page Ref. Manual <u>(2+1) -&gt; (2-3)</u>	Structure <u>Ditch</u> Material <u>EARTHEN</u> Page Ref. Manual <u>N/A</u>

RECEIVED

MBV - 3 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

(1) 16" x 24" Culvert  
All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Line	Tons/acre
lime or correct to pH <u>6.5</u>	
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	
Mulch <u>(Hay)</u> <u>2</u> Tons/acre	
Seed* <u>(Ky 31)</u> <u>50</u> lbs/acre	
	lbs/acre
	lbs/acre

Treatment Area II

Line	Tons/ac
or correct to pH <u>6.5</u>	
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	
Mulch <u>(Hay)</u> <u>2</u> Tons/ac	
Seed* <u>(Ky 31)</u> <u>50</u> lbs/acre	
	lbs/acre
	lbs/acre

04/19/2024

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY MARK C. ECHARD  
Star Rtc 71, Box 6

ADDRESS Glennville, W. VA. 26351  
462-5565

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

4190 - 4200 - 40 holes

3679'-3689' Perforated 40 holes

Stréss Frac. 1,000,000 cubic feet nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Unconsolidated gravel, sand, and clay			0	92	
Mannington Sand			92	108	
Waynesburg Sand			160	241	
Pittsburgh Coal			511	513	
Murphey Sand			770	791	
First Cow Run Sand			804	829	
Dunkard Sand			948	1015	
Second Cow Run Sand			1379	1425	
First Salt Sand			1504	1535	
Second Salt Sand			1630	1689	
Maxton Sand			1767	1830	
Greenbrier Limestone			1830	1864	
Keener Sand			1864	1881	
Big Injun Sand			1939	2019	
Berea Sandstone			2502	2506	
Ohio Shale			2506	4342	
Total Depth				4342 KB	

(Attach separate sheets as necessary)

ROPER Oil Inc  
Well Operator

04/19/2024

By: James E. Hook

Date: 8-24-82

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."







STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION

RECEIVED

MAY 27 1982

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 86-5601

Oil or Gas Well \_\_\_\_\_  
 (KIND)

Company Kober  
 Address \_\_\_\_\_  
 Farm Mason  
 Well No. 2-A  
 District Clay County Rit  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1067' No. FT. \_\_\_\_\_ Date 5-18-82  
 NAME OF SERVICE COMPANY B. J. Hughes  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Fox Drilling

Remarks: good cement + circulation

5-18-82  
 DATE

W. J. Moore 04/19/2024  
 DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**  
 SEP 23 1983

OIL & GAS DIVISION  
 DEPT. OF MINES

Permit No. 085-5601 County Ritchie  
 Company ROBER OIL INC. Farm EVERETT MASON  
 Inspector MIKE U. Well No. 2-A-  
 Date 9-16-83

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: Final inspection O.K. RELEASE

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike U.  
 DATE: 9-16-83

04/19/2024





State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

October 7, 1983

Kober Oil, Inc.  
P. O. Box 20875  
Billings, Montana 59104

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
47-085-5601	Everett Mason, et ux, #2-A	Clay
47-085-5602	Woodrow Mammond, et ux, #1	Clay

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator

04/19/2024



**U.S. DEPARTMENT OF ENERGY**  
Federal Energy Regulatory Commission  
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
(Sections 102, 103, 107 and 108)

**PLEASE READ BEFORE COMPLETING THIS FORM:**

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

04/19/2024



1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-085-5601</u>																			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA	<u>-</u> Category Code																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>4200</u> feet																			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name <u>Kober Oil, Inc.</u>		Seller Code																	
	Street <u>Route 1 - Box 51A</u>																			
	City <u>Cairo</u>	State <u>WV</u>	Zip Code <u>26357</u>																	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>N/A</u>																			
	Field Name <u>Ritchie</u>		State <u>WV</u>																	
	County																			
(b) For OCS wells:	<u>N/A</u> Area Name		<u>N/A</u> Block Number																	
	Date of Lease: Mo. Day Yr.		<u>N/A</u> OCS Lease Number																	
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Everett Mason #2-A</u>																			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>Devonian Shale</u>																			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Not yet determined</u>																			
	Name		Buyer Code																	
(b) Date of the contract:	Mo. Day Yr.																			
(c) Estimated annual production:	<u>10</u> MMcf.																			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)																
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	---	---	---	---																
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	DEREGULATED	---	DEREGULATED	---																
9.0 Person responsible for this application:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; padding: 5px;">Agency Use Only</td> <td colspan="3" style="padding: 5px;">Name <u>James E. HOSCH</u></td> </tr> <tr> <td style="padding: 5px;">Date Received by Juris. Agency</td> <td colspan="3" style="padding: 5px;">Title <u>PRESIDENT</u></td> </tr> <tr> <td style="text-align: center; padding: 5px;"><b>SEP 22 1982</b></td> <td colspan="3" style="padding: 5px;">Signature <u>James E. HOSCH</u></td> </tr> <tr> <td style="padding: 5px;">Date Received by FERC</td> <td style="padding: 5px;">Date Application is Completed <u>8-24-82</u></td> <td colspan="2" style="padding: 5px;">Phone Number <u>304-628-3313</u></td> </tr> </table>				Agency Use Only	Name <u>James E. HOSCH</u>			Date Received by Juris. Agency	Title <u>PRESIDENT</u>			<b>SEP 22 1982</b>	Signature <u>James E. HOSCH</u>			Date Received by FERC	Date Application is Completed <u>8-24-82</u>	Phone Number <u>304-628-3313</u>	
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<b>SEP 22 1982</b>	Signature <u>James E. HOSCH</u>																			
Date Received by FERC	Date Application is Completed <u>8-24-82</u>	Phone Number <u>304-628-3313</u>																		



JAN 31 1983

PARTICIPANTS:

DATE: \_\_\_\_\_

BUYER-SELLER CODE \_\_\_\_\_

WELL OPERATOR: Kober Oil, Inc.

FIRST PURCHASER: Not determined

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
82-09-22-107-085-5601  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. De reg
- 2. IV-1 Agent Mike Strickland
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening
- 6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio \_\_\_\_\_
- 7. IV-39 Annual Production  years \_\_\_\_\_
- 8. IV-40 90 day Production  Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - (55) - 56 - 57 - 58 Complete?  Affidavit Signed
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
- (5) Date commenced: 5-17-82 Date completed 5-21-82 Deepened
- (5) Production Depth: 4195
- (5) Production Formation: Ohio Shale
- (5) Final Open Flow: 50 mcf
- (5) After Frac. R. P. 675 # 24 hrs
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production:
- (8) Avg. Daily Gas from 90-day ending w/1-120 days
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Report: \_\_\_\_\_
- (5) Oil Production:  From Completion Report
- 0-17. Does lease inventory indicate enhanced recovery being done No
- 0-17. Is affidavit signed?  Notarized?  04/19/2024
- Does official well record with the Department confirm the submitted information? yes
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_



DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 2A- Mason

API Well No.

47 - 085 - 5601  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Mike Strickland

ADDRESS Rt.1, Box 51A  
/ Cairo, West Virginia 26337

LOCATION Elevation 935'GL  
Watershed \_\_\_\_\_

WELL OPERATOR Kober Oil, Inc.

ADDRESS Route 1 - Box 51A  
Cairo, WV 26337

Dist. Clay County Ritchie Quad. Ellensboro  
7.5

Gas Purchase Contract No. \_\_\_\_\_

GAS PURCHASER Not yet determined

ADDRESS \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling began: 5-17-82

Indicate the bottom hole pressure of the well and explain how this was calculated.

Bottom Hole Pressure (BHP) =  $P_1 + P_1 \left[ \frac{e}{e} \right]^{(GL/53.34 T)}$  - 1

$P_1 = 675$  psi  
 $e = 2.718$   
 $G = .762$   
 $L = 3939'$  KB  
 $T = 5550$  R

BHP =  $675 + 675 \left[ \frac{e}{e} \right]^{.1014} - 1 = \underline{\underline{747}}$  psi

AFFIDAVIT

I, Richard A. Brown, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Richard A. Brown

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, TO-WIT:

I, HELEN D. RICHARDS, a Notary Public in and for the state and county aforesaid, do certify that RICHARD A. BROWN, whose name is signed to the writing above, bearing date the 19th day of August, 19 82, has acknowledged the same before me, in my county aforesaid.

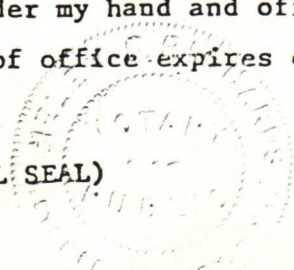
04/19/2024

Given under my hand and official seal this 19th day of August, 19 82.

My term of office expires on the 13th day of April, 19 92.

Helen D. Richards  
Notary Public

(NOTARIAL SEAL)



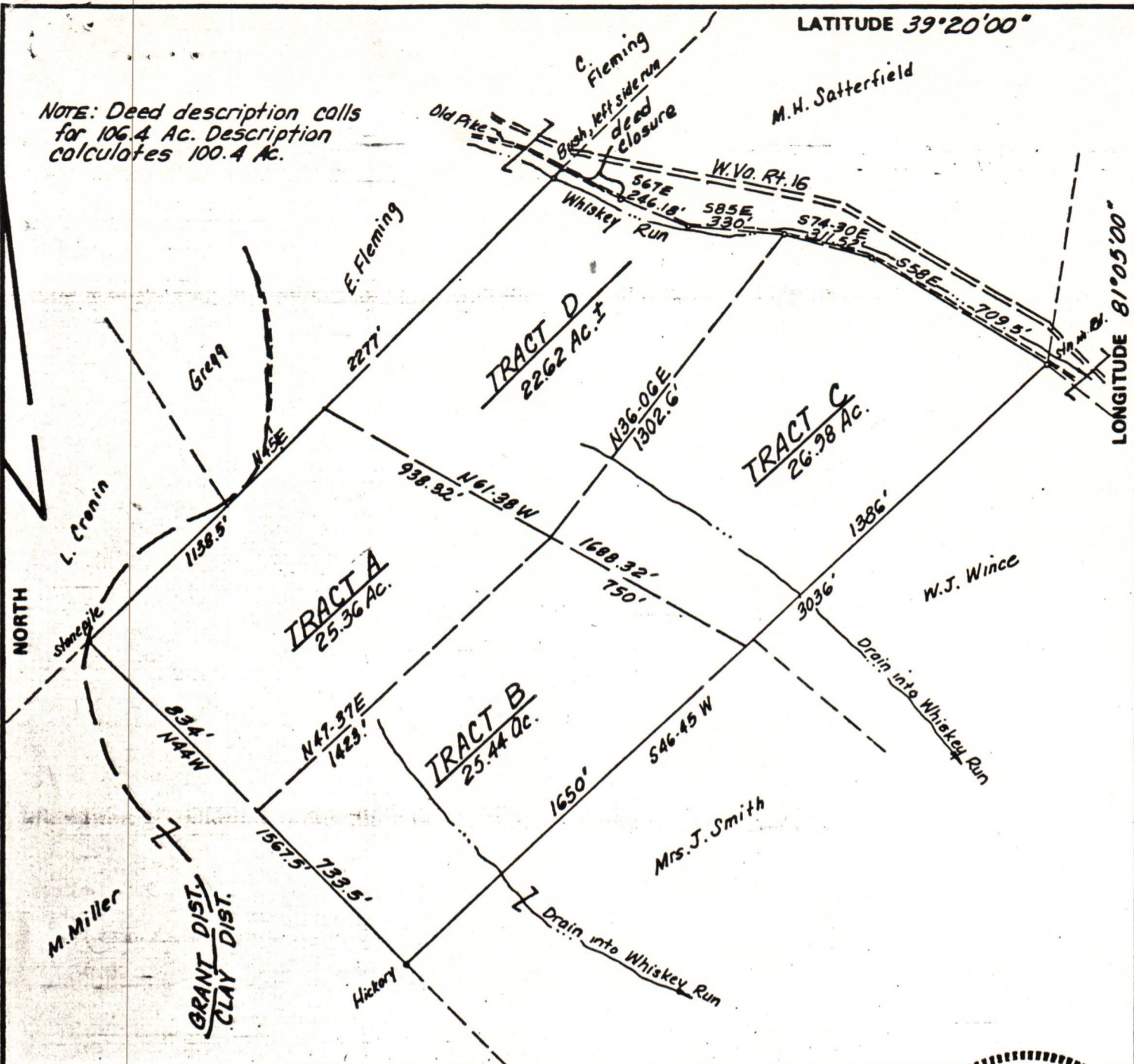


mapped

LATITUDE 39°20'00"

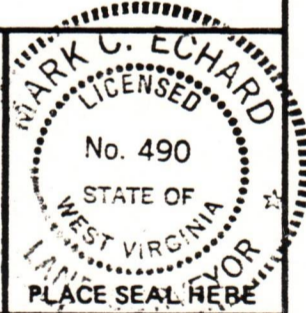
LONGITUDE 81°05'00"

NOTE: Deed description calls for 106.4 Ac. Description calculates 100.4 Ac.



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Mark C. Echard  
 MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE \_\_\_\_\_, 19\_\_\_\_  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
47 - 085 - \_\_\_\_\_  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION \_\_\_\_\_ WATER SHED WHISKEY RUN  
 DISTRICT CLAY COUNTY RITCHIE  
 QUADRANGLE ELLENBORO 7.5'  
 SURFACE OWNER EVERETT MASON, et ux ACREAGE 106.42  
 OIL & GAS ROYALTY OWNER EVERETT MASON, et ux LEASE ACREAGE 106.42 04/19/2024  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR GES DRILLING CO. DESIGNATED AGENT MR. DURL FLUHARTY  
 ADDRESS P.O. BOX 122 ADDRESS 425 S. SPRING ST.  
BEDFORD, PA. 15522 HARRISVILLE, W.VA. 26362