

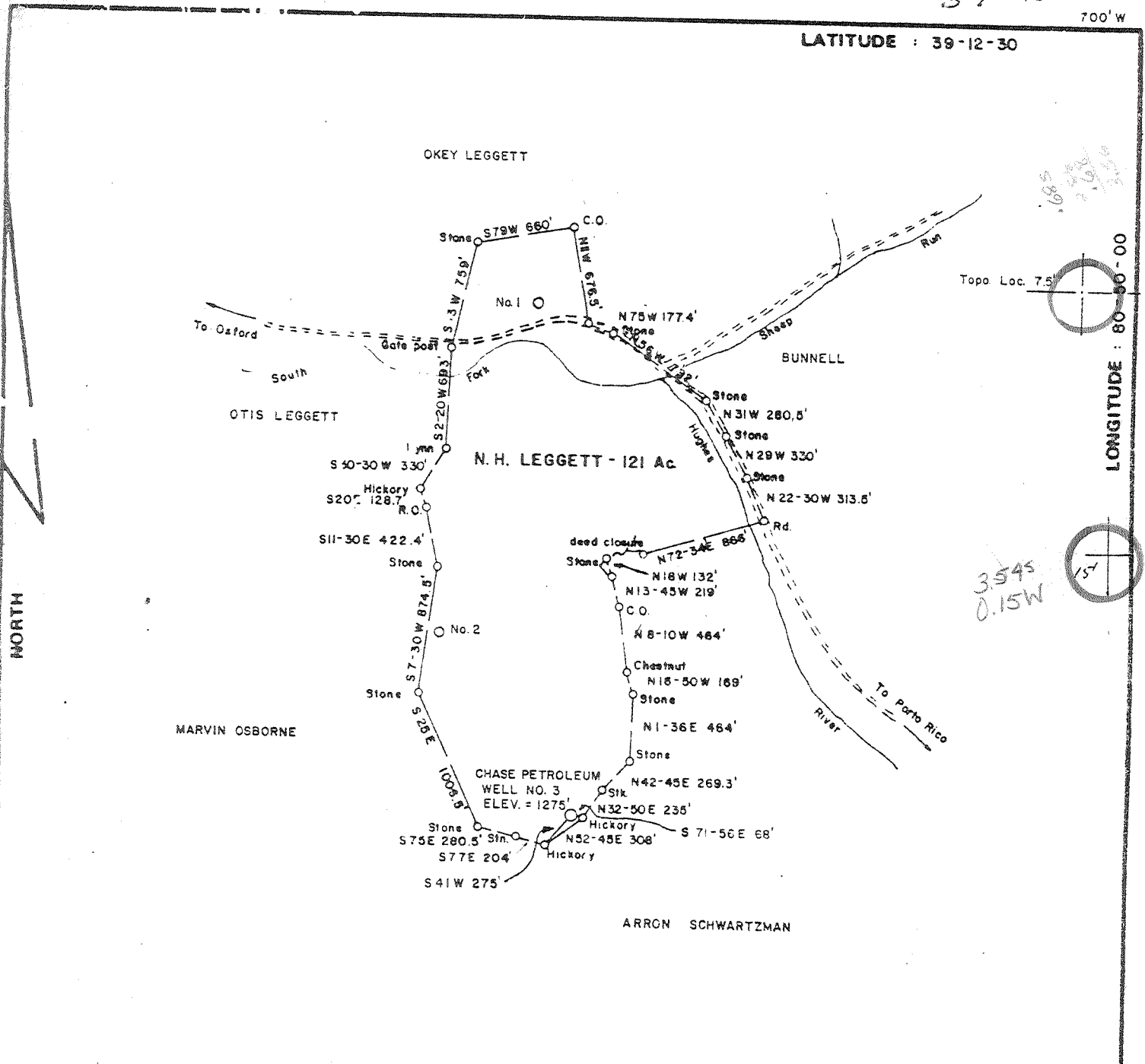
39° 15'

700' W

LATITUDE : 39-12-30

3600' S

LONGITUDE : 80-00-00



FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 1000 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Jct Rds. 3000' N
of Location Elev. = 841'

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. *Mark C. Echard*
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE NOVEMBER 14, 1 80
 OPERATOR'S WELL NO. THREE
 API WELL NO. 47-017-2899
 STATE WEST VIRGINIA COUNTY _____ PERMIT _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS," REDUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1235' WATER SHED SOUTH FORK OF HUGHES RIVER
 DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5' *Holloway N*
 SURFACE OWNER N.H. LEGGETT, et al ACREAGE 121
 OIL & GAS ROYALTY OWNER N.H. LEGGETT, et al LEASE ACREAGE 121
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVER' ___ 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 ALEXANDER ESTIMATED DEPTH 5900'
 WELL OPERATOR CHASE PETROLEUM CORP DESIGNATED AGENT MR. ALTON SKINNER
 ADDRESS: BOX 297 ADDRESS BOX 297
GLENNVILLE, W.V. 26351 GLENNVILLE, W.V. 26351

6-6 Straight Fork-Bluestone Creek (133)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED
OCT 25 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Rotary Oil _____
Cable _____ Gas
Recycling _____ Cumb _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Oxford 7.5
Permit No 47-017-2899 REN.

Company Chase Petroleum
Address P.O. Drawer 369, Glenville, W.Va. 26351
Farm N.H. Leggett Acres 121
Location (waters) South Fork of Huges River
Well No. Hedrick Leggett #3 Elev. 1235
District Southwest County Doddridge
The surface of tract is owned in fee by N.H. Leggett et.al.

Address Oxford WVA. 26414
Mineral rights are owned by N.H. Leggett et.al.
Address Oxford, W.Va. 26414
Drilling Commenced August 18, 1981
Drilling Completed August 25, 1981
Initial open flow 19,000 cu. ft. 0 bbls.
Final production 820,000 cu. ft. per day 0 bbls.
Well open 10 hrs. before test 1640 RP

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks)
Size 20-16			
Cund.			
13-10" 11 3/4	30	0	
9 5/8			
M 5/8 23#	1424	1424	CTS
7			
5 1/2			
4 1/2 10.5#	5238	5238	700 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fraced Alexander: 5228-5276; 19 holes; 621 bbls. total fluid; 20,000# 80/100
60,000# 20/40
Fraced Benson: 4876- 4958: 15 holes; 450 bbls. total fluid; 20,000# 80/100
24,000# 20/40
Fraced Riley: 4436-4562; 17 holes; 754 bbls total fluid; 20,000# 80/100
65,000# 20/40

Coal was encountered at none Feet _____ Inches _____
Fresh water 146 Feet _____ Salt Water _____ Feet _____
Producing Sand Alexander, Benson, Riley Depth 5228-5276; 4876-4958; 4436-4562

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			49	54		
Sand & ShaTe			54	59		
Sand			59	83		
Sand & Shale			83	94		
Red Rock			94	102		
Sand & Shale			102	130		
Red Rock			130	146		
Sand			146	153		
Sand , Shale & Red ROck			153	530		
Sand			530	537		
Sand & Shale			537	560		
Sand			560	565		
Sand & Shale			565	572		
Red Rock & Shale			572	624		
Sand & Shale			624	638		
Red Rock & Shale			638	661		
Sand			661	672		
Shale & Red Rock			672	685		
Sand & Shale			685	730		
Shale & Red Rock			730	818		
Sand			818	837		
Red Rock & Shale			837	890		
Sand			890	922		
Shale & Red Rock			922	936		

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	• Remarks
Sand & Shale			936	944		
Shale			944	953		
Sand & Shale			953	976		
Red Rock & Shale			976	1083		
Sand			1083	1088		
Shale			1088	1242		
Sand & Shale			1242	1324		
sand			1324	1340		
Sand & Shale			1340	1388		
Shale			1388	1408		
Sand & Shale			1408	1471		
Sand			1471	1528		
Black Shale			1528	1537		
sand			1537	1568		
Sand & Shale			1568	1597		
sand			1597	1627		
Sand & Shale			1627	1632		
Sand			1632	1678		
Shale			1678	1775		
Sand & Shale			1775	1875		
shale			1875	1937		
Little Lime			1937	1961		
Shale			1961	1972		
Big Lime			1972	2096		
Injun Sand			2096	2118		
Sand & Shale			2118	2778		
Sand			2778	2801		
Sand & Shale			2801	3915		
Sand			3915	3920		
Sand & Shale			3920	4925		
Benson Sand			4925	4940		
Sand & Shale			4940	5196		
Alexander Sand			5196	5214		
Sand & Shale			5214	5490	T.D.	

Date 9/23 1981

APPROVED Alton Skinner Owner

PROPOSED WORK ORDER

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

DILLING CONTRACTOR (IF KNOWN) Unknown
Address _____

GEOLOGICAL TARGET FORMATION Alexander
Estimated depth of completed well 5900 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 30 feet; salt, - feet.
Approximate coal seam depths: no coal
Is coal being mined in this area: Yes / No X /

DRILLING AND TUBING PROGRAM

DRILLING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling		
Conductor	11 3/4				X	30	0	Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8		23#	X		1800	1800	CTS
Production	4 1/2		10.5#	X		5850	5850	725 sks
Tubing								
Packers								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, of the W. Va. Code, the location is hereby approved for drilling renewed. This permit shall expire if operations have not commenced by 4-10-82.
[Signature]
Deputy Director - Oil & Gas Division

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:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this 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: