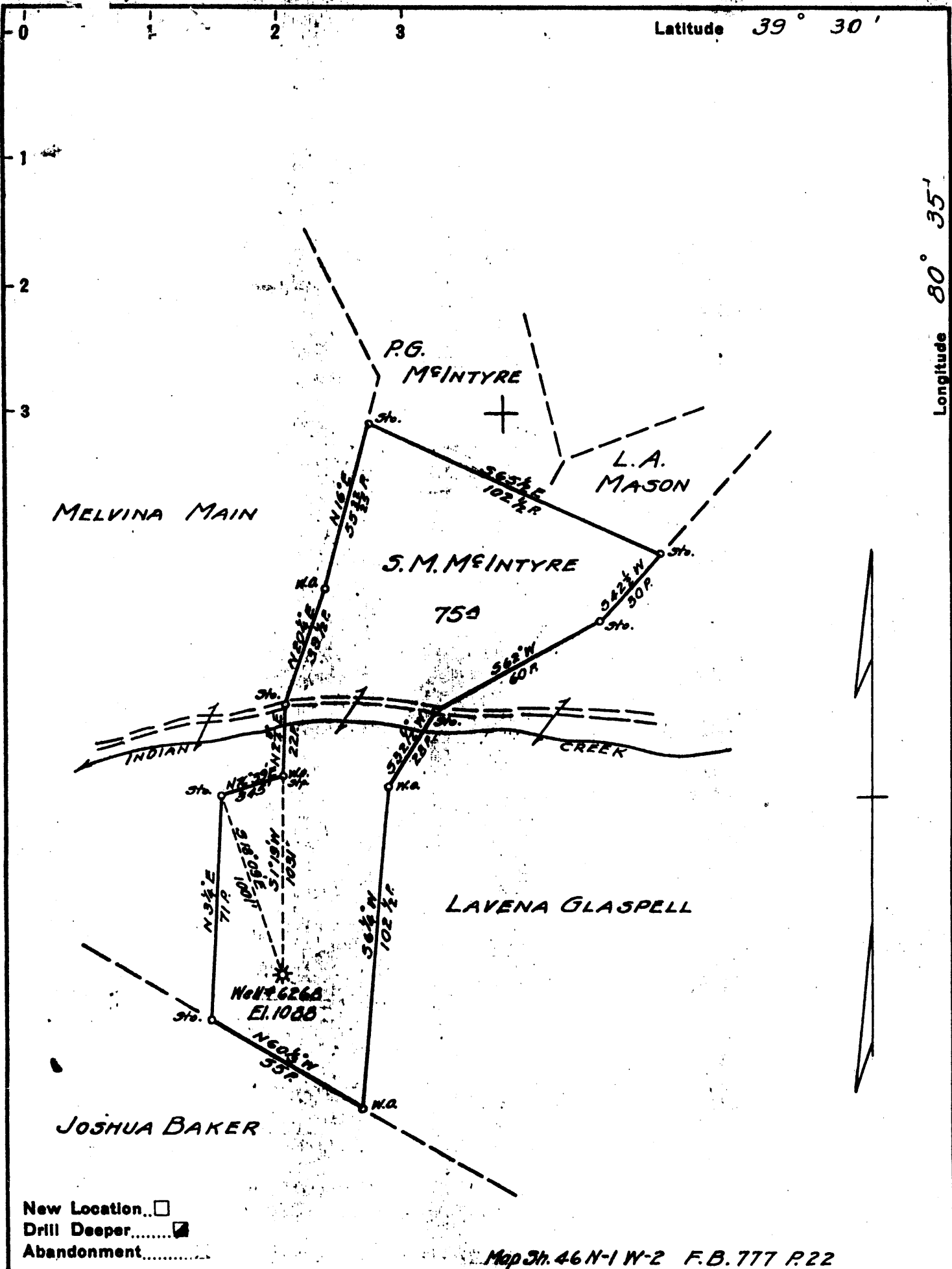


A



New Location..   
 Drill Deeper.....   
 Abandonment.....

Map Sh. 46 N-1 W-2 F.B. 777 P.22

Company	GEORGE KERNS
Address	DALE, W.VA.
Farm	S.M. MCINTYRE
Tract	Acres 75 Lease No. 34575
Well (Farm) No.	1 Serial No. 6268
Elevation (Spirit Level)	1088'
Quadrangle	CENTERPOINT
County	TYLER District M <sup>c</sup> ELROY
Engineer	W.M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	10-10-45 Scale 1" = 40'

68  
25945

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

**WELL LOCATION MAP**  
 FILE NO. TYL-155-D

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

JUN 17 1994

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 95-01592, issued to KERNS, GEORGE R. CORPORATION is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD - 304-782-1043.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit  
Chief

By: 

Title: \_\_\_\_\_

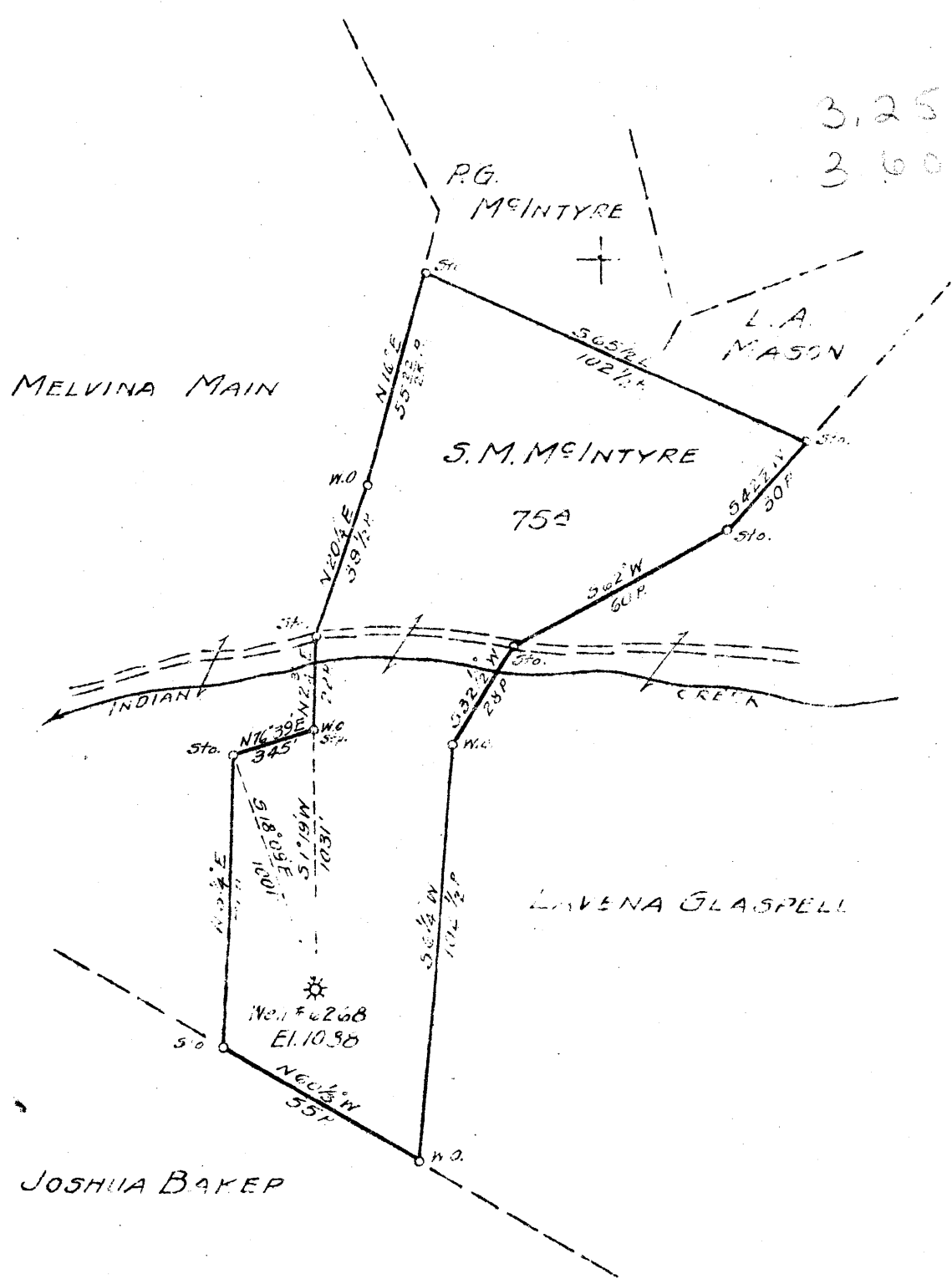
Operator's Well No: S.M. McINTYRE 1

Farm Name: ASH, MELBA

API Well Number : 47- 95-01592 N → (55

Date Issued : 03/17/94

3,25 S  
3,60 W



New Location  
 Drill Deeper   
 Abandonment

Map Sh. 46 N-1 W-2 F.B. 777 P. 22

Compan. GEORGE KERNS  
 Address DALE, W.VA.  
 Farm S.M. MCINTYRE  
 Tract \_\_\_\_\_ Acres 75 Lease No. 34515  
 Well (Farm) No. \_\_\_\_\_ Serial No. 6268  
 Elevation (Spirit Level) 1088  
 Quadrangle CENTERPOINT  
 County TYLER District McELROY  
 Engineer W.M. Bowers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-10-45 Scale 1" = 40 P.

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

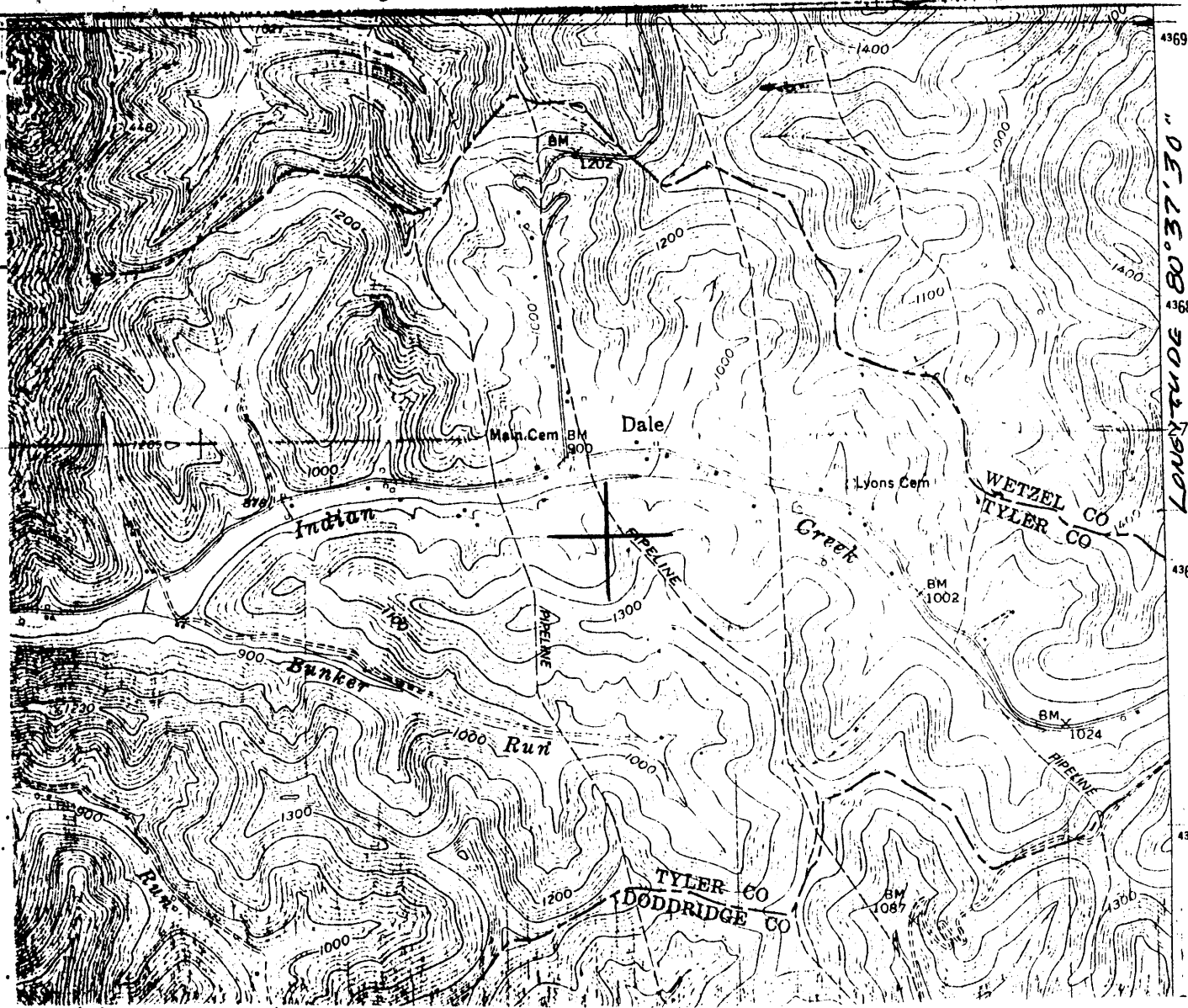
**WELL LOCATION MAP**  
 FILE NO. TYL-155-D

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, altitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

the  
min  
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wel

SCALE: 1" = 2000 FT.



LONGITUDE 80° 37' 30" (6900' WEST)

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED P. Leon Kerns  
TITLE Pres. Geo. R. Kerns Corp.

DATE May 10, 1993  
S.M. McINTYRE  
OPERATORS WELL NO. 1

API WELL NO. 095-1592-N  
Cancelled

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

DRILLED IN 1923  
DEEPEMED IN 1946  
Sec? 095-0155

WELL TYPE: OIL X GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IE "GAS" PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_)

LOCATION: ELEVATION 1080 est WATER SHED INDIAN CREEK  
DISTRICT McELROY COUNTY TYLER  
QUADRANGLE CENTERPOINT

DRILLED AS: S.M. McINTYRE  
SURFACE OWNER CURRENTLY: MELBA ASH ACREAGE 75

OIL & GAS ROYALTY OWNER Kenneth W. McIntyre Heirs, et al LEASE ACREAGE 75  
LEASE NO. \_\_\_\_\_

PRODUCING FORMATION BIG INJUN & GORDON SANDS TOTAL DEPTH 2964'

WELL OPERATOR Geo. R. Kerns Corp. DESIGNATED AGENT Wayne G. Kerns

ADDRESS 325 So. THIRD AVE. ADDRESS SAME

PADEN CITY, WV 26159 JUN 17 1994

17244

39° 27' 30"

Latitude ✓

08, 43, 08

Longitude

Topo Location

7.5' Loc. 0.73S 15' Loc. 3.11S  
1.28W (calc.) 3.51W

Company Geo R. Kerns Corp.  
SM Mc Intyre  
Farm Melba Ash 1  
15' Quad Center Point (NC)  
(sec.)  
7.5' Quad Center Point  
District Mc Elroy

WELL LOCATION PLAT

County 095 Permit 1592A  
155

JUN 06 94

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

6155

Permitting  
Section of Oil & Gas

Well Operator's Report of Well Work

Farm name: ASH, MELBA Operator Well No.: S.M. McINTYRE 1

LOCATION: Elevation: Quadrangle: CENTER POINT

District: MCELROY County: TYLER  
Latitude: 6400 Feet South of 39 Deg. 28Min. 20 Sec.  
Longitude 6900 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: KERNS, GEORGE R. CORPORAT  
325 SO. THIRD AVENUE  
PADEN CITY, WV 00002-6159

Agent: WAYNE G. KERNS

Inspector: MIKE UNDERWOOD  
Permit Issued: 03/17/94  
Well work Commenced: 01/24/23 - 3/31/23  
Well work Completed: D.O. 09/08/46 - 09/18/47  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable  Rig  
Total Depth (feet) 2964  
Fresh water depths (ft) N.G.

Salt water depths (ft) 1775

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 361, 844

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10"	304	0	NC
8"	1388	1388	NC
6"	2169	2169	NC
2"	-	2930	-

OPEN FLOW DATA

Producing formation BIG INDIAN Pay zone depth (ft) 2191  
Gas: Initial open flow 400 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow NE MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 600 psig (surface pressure) after 24 Hours

Second producing formation GORDON Pay zone depth (ft) 2936  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow 10. Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure NE psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: KERN, GEORGE R. CORPORATION

By: P. Leon Kern, PRES.  
Date: 04/16/94

JUN 17 1994

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Tyl 155 D  
Centerpoint Quad.

Oil & Gas Well  
CASING & TUBING

Company	George R. Kerns			
Address	Dale, W.Va.	10	304	Pld.
Farm	S.M. McIntyre Hrs. A 75	8 1/4	1388	1388
Location	Indian Creek	6 5/8	2169	2169
Well No.	1 Elev. 1688'			
District	McElroy Tyler County			2 joints csg. 40'
Surface	Same			top liners 2265 - 2305
Mineral	Same			
Commenced	Sept. 8, 1946			
Completed	Sept. 18, 1946			
Date shot	Sept. 30 Depth 2920 to 2945			
Open flow	1-30 qt Open shot; 1-40 qt. tamp shot; 1-20- qt. open shot			
Rock Pressure	60/10ths W in 1" A.S.			
Oil	600 lbs. 24 hrs.			
Salt Water	10 bbl. pump 1st 24 hrs.			
	2287-2380			

DRILLED DEEPER

Started to drill deeper	2203		
✓ Big Injun Wh H	2203	3287	
Big Injun Gr S	2287	2300	
Big Injun Wh H	2300	2380	Oil-gas-water 4 bbls, W 1 bbl. at 2387
Lime Dk S	2380	2400	to 2300- reduced hole to 5" 2318'
Wh. Rock Dk S	2400	2425	
Shale Dk S	2425	2488	
✓ <del>Gantz Sand</del> Dk H	2488	2575	
Shale Dk S	2575	2695	
Slate Dk S	2695	2730	
Brown Shale Dk S	2730	2790	
Pink Rock H	2790	2825	
Shale Dk H	2825	2912	
Red Shale H	2912	2917	
✓ Gordon Stray Wh H	2917	2930	
Break Dk H	2930	2935	
✓ Gordon Sand Wh H	2935	2948	Oil and Gas 2920 to 2945
Total Depth		2924	

Commenced: Jan. 24, 1923  
Completed: March 31, 1923  
Elevation: 6/10/1940: 1152'

LOG

Native Coal -----361-364  
PGH. Coal -----844-850  
Little Dunkard -----1220-1242  
2nd. Salt Sand -----1710-1810 water:1775  
3rd. Salt Sand -----1815-1855  
Maxon Sand -----1995-2011  
Little Lime -----2110-2120  
Pencil Cave -----2120-2125  
Big Lime -----2125-2183  
Big Injun -----2183

Approx 40 MCF/D  
About 400 MCF/D  
Show of Gas:-----2191-2195  
Tested 36/10 thru 1" orifice  
Gas Pay: ---(8'in)---2195-2200  
Tested 24/10 thru 3" orifice  
Rock Pressure: 575# in 1 hour,  
600# in 24 hours.

Total Depth -----2203  
Drilled deeper:  
Commenced: Sept. 8, 1946  
Completed: Sept. 18, 1947

LOG

Previous Total Depth -----2203  
Big Injun -----2203-2300  
Show: Oil, Gas, & Water.  
Slate -----2380-2400  
Lime -----2400-2425  
White Rock -----2425-2488  
Gantz Sand -----2488-2575  
Shale -----2575-2695  
Brown Rock -----2695-2730  
Slate -----2730-2790  
Pink Rock -----2790-2825  
Shale -----2825-2912  
Red Shale -----2912-2917  
Gordon Stray -----2917-2930  
Break-----2930-2935  
Gordon Sand -----2935-2938  
Oil Pay -----2936-2948  
10bbls./24 hours. pumped.  
Rock Pressure: ~~XXXXXXXXXX~~  
Total Depth -----2964

5" CSO SEAT @ 2318'  
5 1/2" NWJ RUN

Shooting

No record of shooting in Big Injun.  
Sept. 20, 1947: 90qts. Top:2920 Bottom:2945 GORDON

Casing

To Big Injun:  
10"----304-pulled  
8"----1380  
6"----2169  
Gordon:  
5"----2318- reduced hole to Gordon.