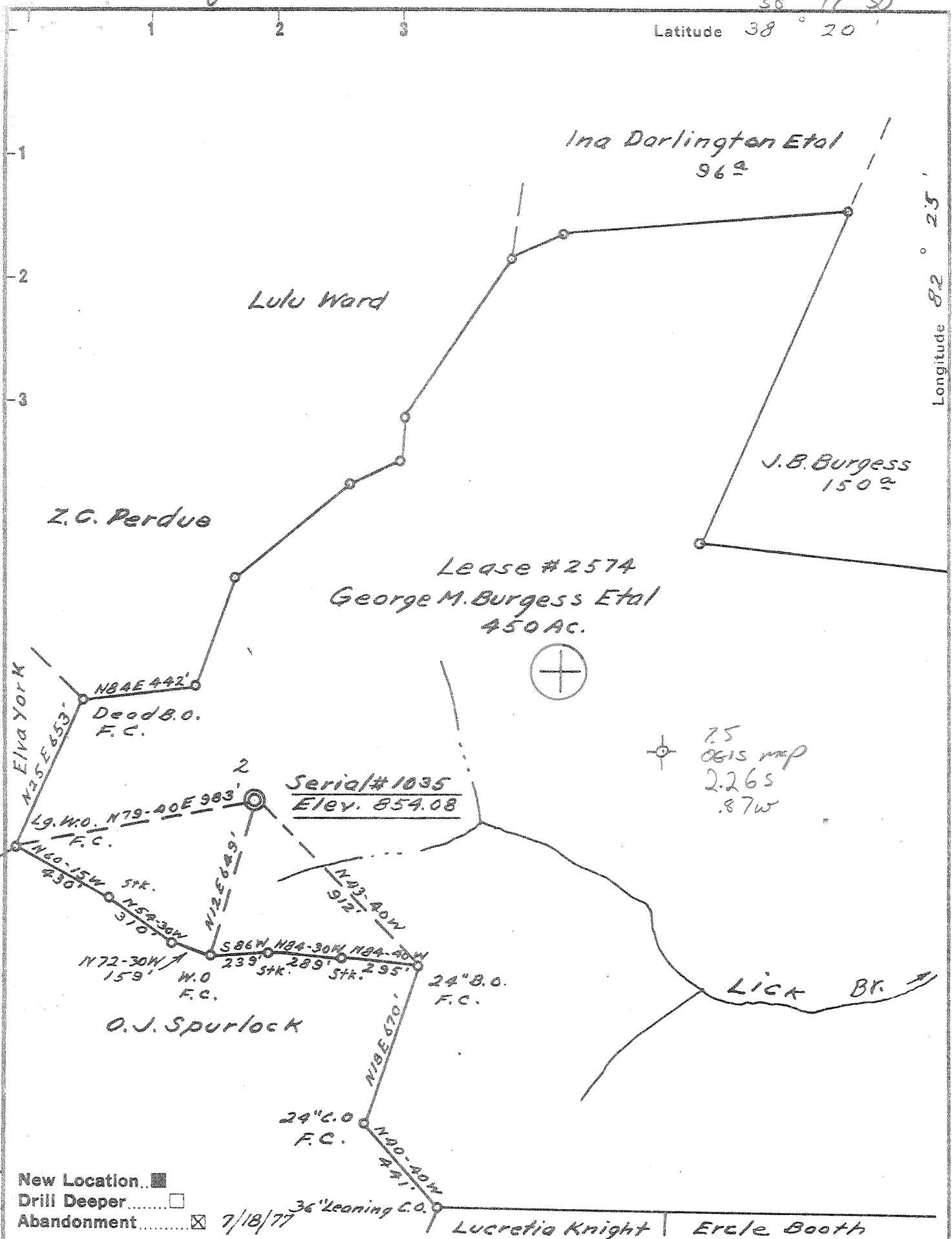


38° 17' 30"

Latitude 38° 20'

Longitude 82° 25' 30"



75
0615 map
2.265
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New Location
 Drill Deeper
 Abandonment 7/18/77

Company MILLS DRILLING Co. Inc.
 Address 1402 E. LYNN Rd. WAYNE WV 25570
 Farm Geo. M. Burgess Etal
 Tract _____ Acres 450 Lease No. 2574
 Well (Farm) No. 2 Serial No. 1035
 Elevation (Spirit Level) 854.08 SW
 Quadrangle Guyandot 9-55.3" W 3.1"
 County Wayne District Union
 Engineer T.S. Flourney
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Sept. 15, 1958 Scale 1" = 500'

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

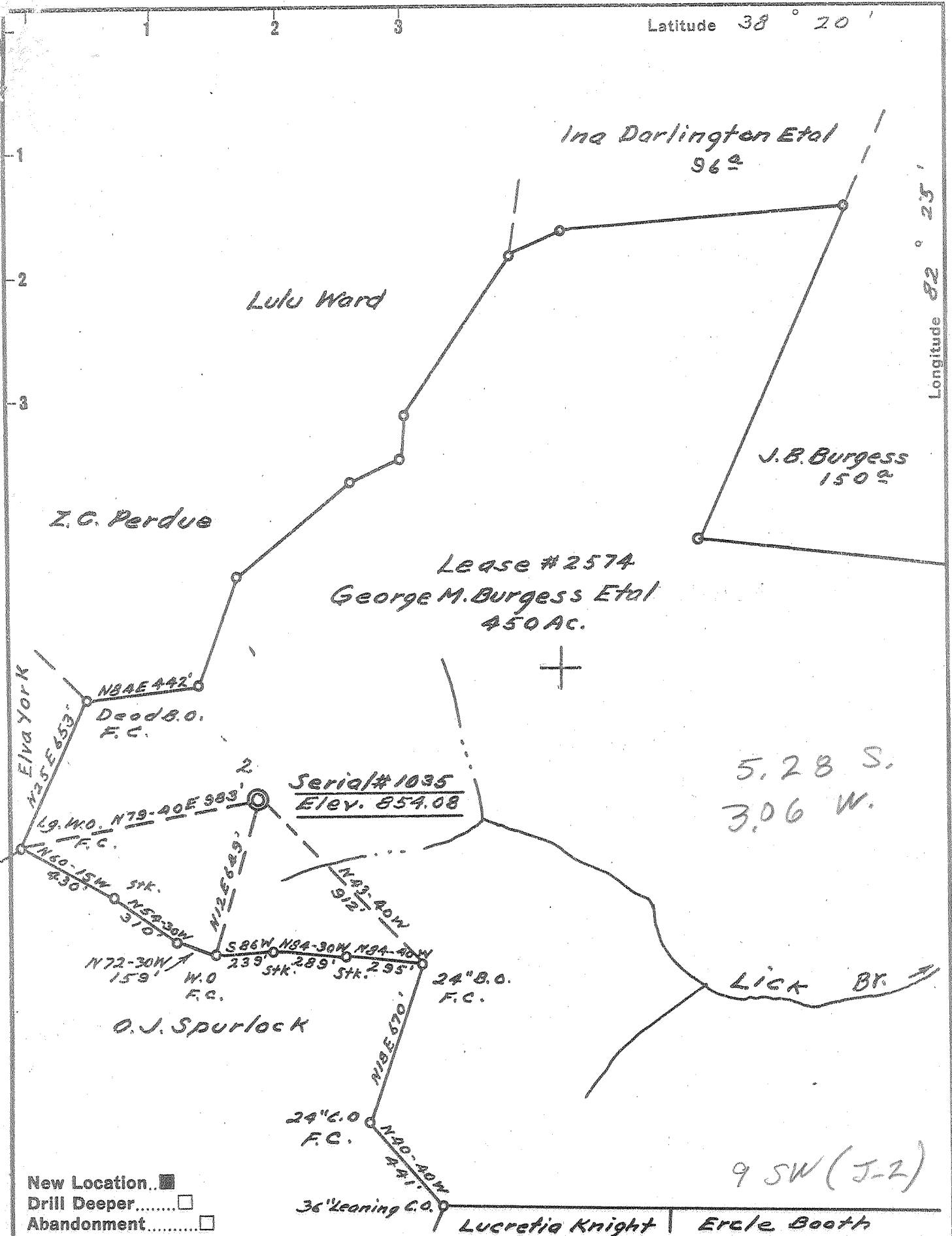
WELL LOCATION MAP
 FILE NO. WAY-1134-P

+ 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.

47-099 AUG 5 1977

Deep Well



Company Owens, Libbey-Owens Gas Dept.
 Address Box 4158 Charleston 4 W. Va
 Farm Geo. M. Burgess Etal
 Tract _____ Acres 450 Lease No. 2574
 Well (Farm) No. 2 Serial No. 1035
 Elevation (Spirit Level) 854.08
 Quadrangle Guyardot 9-55.3" W3.1"
 County Wayne District Union
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Sept. 15, 1958 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. WAY-1134

+ 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.

Deep Well



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

Quadrangle Guyandot

Permit No. Way-1134

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Owens, Libbey-Owens Gas Department
Address P. O. Box 4168, Charleston, W. Va.
Farm G. M. Burgess Acres 450
Location (waters) _____
Well No. 2 (Serial #1035) Elev. 854.08
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by G. M. Burgess
Address Wayne, W. Va.
Drilling commenced 10/27/58
Drilling completed 4/13/59
Date Shot 1/11/59 From 3950 To 4031
With 291-2/3# Gelatin
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 270 M in Big Six Cu. Ft.
Rock Pressure 1150 lbs. 38 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Larkin</u>
13			<u>Upside-down</u>
10 <u>3/4</u>	<u>419'3"</u>	<u>419'3"</u>	Size of <u>3 1/2 x 5 1/2"</u>
8 <u>5/8</u>	<u>1140'5"</u>	<u>Pulled</u>	
6 <u>7</u>	<u>2272'11"</u>	<u>2272'11"</u>	Depth set <u>3893-3899</u>
5 <u>3/4</u>	<u>3799'8"</u>	<u>3799'8"</u>	
3 <u>1/2</u>	<u>--</u>	<u>3997'6"</u>	Perf. top <u>3984</u>
2			Perf. bottom <u>3995</u>
Liners Used			Perf. top <u>3960</u>
			Perf. bottom <u>3984</u>

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 340 FEET 48 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 515 Feet Salt Water 1155, 1682, 3560, 3832 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			-	2			
Sand	light	soft	2	12			
Sand	light	soft	12	93			
Slate	dark	soft	93	120			
Slate	white	soft	120	160			
Bro. sand	white	soft	160	210			
Slate	white	soft	210	225			
Red rock	red	soft	225	237			
Slate	white	soft	237	340			
Coal	black	soft	340	344			
Slate	dark	soft	344	412			
Sand, Bro.	white	soft	412	419			
Slate	dark	med.	419	460			
Slate	dark	soft	460	495			
Sand, Bro.	dark	soft	495	515			
Sand	white	soft	515	545			
Slate	white	soft	545	579			
Sl. & shls.	dark	soft	579	621			
Sand	white	med.	621	656			
Slate	dark	soft	656	715			
Sl. & shls.	dark	soft	715	765			
Salt sand	white	hard	765	866			
Slate	black	soft	866	976			
Sand	dark	bro.	976	1001			
Sand	white	solid	1001	1046			
Slate	dark	soft	1046	1077			
Sl. & shls	dark	soft	1077	1123			
Sand	white	hard	1123	1155			

11/4/58 Ran 10-3/4" csg. at 419'3" on shoe.
Water 515 - 530, 4 BPH



(over)

Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Settling sand	white	hard	1155	1225	Water 1155	- 1180.	
Sand	white	soft	1225	1263			
Slate	dark	soft	1263	1325			
Lime	dark	hard	1325	1333			
Slate	white	soft	1333	1341			
Red rock	red	soft	1341	1346			
Slate	black	soft	1346	1361			
L. lime	black	hard	1361	1367			
----	--	--	1367	1382			
Slate	dark	soft	1382	1391			
L. lime	dark	hard	1391	1396			
----	--	--	1396	1405			
Big lime	white	hard	1405	1584	11/22/58 Ran 8-5/8" csg. at 1405'5" on shoe. Set in 10' clay.		
Grey Injun	grey	med.	1584	1679	Oil show at 1650.		
Grey. Injun	grey	bro.	1679	1746	SLM 1679 = sand LM 1682		
					Water 1682-1720.		
					Water test at 1746, 21 1/2 Gal. P.H.		
Sl. & shls	dark	soft	1746	2155			
Lime	grey	hard	2155	2173			
Slate	white	shls	2173	2190			
Br. shale	bro.	soft	2190	2227			
Berea	grey	hard	2227	2260	Oil show 2228 - 2235.		
					SLM 2248 = sand LM 2245		
Sl. & shls	dark	med.	2260	2271			
Gritty shells	black	hard	2271	2274	12/9/58 Ran 7" csg. at 2272'11" on shoe.		
Shells	dark	hard	2274	2278			
Slate	dark	soft	2278	2281			
Sl. & shls	dark	med.	2281	2298			
Sl. & shls	dark	soft	2298	2315			
Slate	white	soft	2315	2345			
Br. shale	br.	soft	2345	2431			
White shale		soft	2431	2526			
Shale	dark	shelly	2526	2590			
Br. shale	br.	soft	2590	2731			
White shale	white	shelly	2731	2761			
Br. shale	br.	soft	2761	3090			
Sl. & shls	white	soft	3090	3229			
Slate	white	soft	3229	3260			
Sl. & shls	white	soft	3260	3278			
Br. shale	br.	soft	3278	3324			
Corn. lime	dark	hard	3324	3961	SLM 3335 = sand LM 3339		
					Water 3560 - 3572		
					1/22/59 Ran 5 1/2" csg. on shoe at 3799'8"		
					Used 12 bags Aquagel & 20 bags cement pumped in with Halliburton truck.		
					Gas 3832, 9/10 W 1/4 = 1.4 MCF		
					Gas 3840 26/10 W 1/4 = 2.4 MCF		
					2/11/59 Halliburton tried cement squeeze job.		
					From 2/12/59 to 3/23/59 made various attempts to shut off water coming in around casing. Tried another squeeze job and tried dumping cement. Finally reduced water encroachment to negligible amount.		

3324
854
-2370

Date May 7, 19 59

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith
A. H. Smith, Mgr. (Title)
Land, Engineering & Geology



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION //A

Quadrangle _____

WELL RECORD

Permit No. Way-1134

Oil or Gas Well Gas
(KIND)

Company Owens, Libbey-Owens Gas Department
Address _____
Farm G. M. Burgess Acres 450
Location (waters) _____
Well No. 2 Elev. 854.08
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by G. M. Burgess
Address _____
Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
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

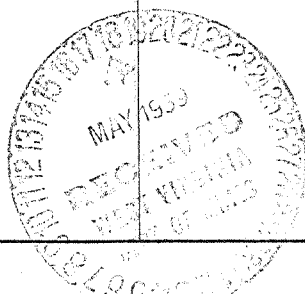
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Six sand	dark	hard	3961	3976	3/26/59 9:30 A.M., hole dry. 70 1/2 hr. test, 1 1/4 gal. water, show of oil. Used casing tester: 2 hr. test at 3805, no water 2 hr. test at 3808, 1 qt. water 4/2/59 Testing water. Resumed drilling.		
Big Six sand	light	hard	3976	4031	Gas 3985,	20/10 W 1 =	35 MCF
		T. D.		4031	Gas 3987,	24/10 W 1 =	38.3 MCF
					Gas 3992,	32/10 W 2 =	177 MCF
					T. 4031	29/10 W 2 =	169 MCF
					4/11/59 Shot with 291-2/3# Gelatin from 3950 to 4031.		
				4/15/59	Test B.S:	28/10 W 2 =	166 MCF
					Tamp drilled out 27 1/4 hrs. A.S. (4:40 P.M.)		
					Test 1 1/4 hrs. after tamp out:	40/10 W 2 1/2 =	346 MCF
					4/16/59		
					22 hrs. after tamp out:	32/10 W 2 1/2 =	277 MCF
					41 hrs.	32/10 W 2 1/2 =	277 MCF



(over)

Formation	Color	Hard or Soft	Top //A	Bottom	Oil, Gas or Water	Depth Found	Remarks
					4/19/59 114 hrs. after tamp out: 30/10 W 2 = 268 MCF One half hour after starting 2nd tour, wire line broke at socket -- dropped complete set of 5" tools in hole. Shut down for orders.		
					4/22/59 Birdwell, Inc. took pictures. Tools are in shot hole. Decided tools could not be fished out without extreme risk.		
					4/24/59 Birdwell measuring line run to 4006. Ran 3 1/2" tbg. at 3995 with Larkin Upside-down pkr. set on Hinderliter csg. head.		
					F. O. F. Big "6" 7 1/10 W 2 = 270 MCF Shut-in in 3 1/2" tubing at 8:35 A.M.		

Date May 7, 19 59

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith
A. H. Smith, Mgr. (Title)
Land, Engineering, Geology

