Form S6109

HOBBS OFFICE OCC

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO 1954 MAY 12 AM 7:28

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES

SOCORRO, NEW MEXICO

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be made in triplicate. Permission of the Commissioner of Public Lands should be obtained before connecting.

Hobbs N. Mex., February 26, 1954

Mr. E. H. Wells

State Geologist,
Socorro, N. Mex.

Dear Sir:

Permission is requested to connect Byers

Wells No. 33 in NE¼ of Sec. 4

T. 19, R. 38, N. M. P. M., Hobbs

Field, Lea County, with the pipe line of the

Humble Oil & Refining Company
Name of Pipe Line Company

Logs of the above wells were filed with the State Geologist August 19 30

All other requirements have been complied with.

Yours truly.

Stanolind Oil & Gas Company
Owner or Operator

By J. P. Gibbs

Position Production Foreman

Address Hobbs, New Mexico

Permission is hereby granted to make pipe line connections requested above.

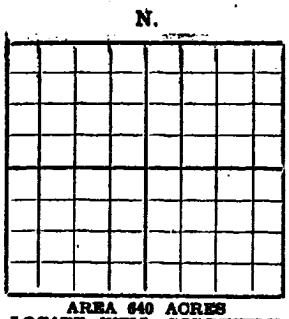
Approved ..... 19....

Commissioner of Public Lands.

State Geologist

Date ..... 19....

Form SG 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company The Midwest Refining Co., Address Casper, Wyoming.

Send correspondence to Midwest Refining Co., Address Hobbs, New Mexico.

Byers Well No. 53 in NE¼ of Sec. 4, T. 19S,

R. 38E, N. M. P. M., Hobbs Oil Field Lea County.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is E.H. and M. Byers, Address Hobbs, New Mexico.

The lessee is The Midwest Refining Company, Address Casper, Wyoming.

If not state or patented land, give status

Drilling commenced April 14, 1930. Drilling was completed August 13, 1930

Name of drilling contractor Eastland Oil Company, Address Fort Worth, Texas.

Elevation above sea level at top of casing 3616.7 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from G 3685 to No. 4, from O 3990 to 3995

No. 2, from O 5150 to No. 5, from O 4020 to 4035

No. 3, from G 3232 to 3226 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 60 to 70 No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
16"	70#	8	Yost	152'	Plain				Shut off water
10-3/4"	45.5#	8	Std	1525'	"				protect salt
8-5/8"	36#	10	Natl	3259'	"				Protect salt
6-5/8"	28#	10	Natl	3952'	"				Oil string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	152'	560	Halliburton		
10-3/4"	1525'	75	"		
8-5/8"	3259'	60	"		
6-5/8"	5052'	50	"		

PLUGS AND ADAPTERS

Heaving plug—Material ..... **Length** ..... **Depth Set** .....

Adapters—Material ..... **Size** .....

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from Surface **feet to** 1525 **feet, and from** ..... **feet to** ..... **feet**

Cable tools were used from 1523 **feet to** 4025 **feet, and from** ..... **feet to** ..... **feet**

PRODUCTION

Put to producing August 13, **19** 30.

The production of the first 24 hours was 21,249 **barrels of fluid of which** 100 **% was oil;** ..... **% emulsion;** ..... **% water; and** ..... **% sediment. Gravity, Be** .....

If gas well, cu. ft. per 24 hours ..... **Gallons gasoline per 1,000 cu. ft. of gas** .....

Rock pressure, lbs. per sq. in. .....

EMPLOYES

Eastland Oil Co, **Driller** Contractors, **Driller**

....., **Driller** ....., **Driller**

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this ..... day of ....., 19.....

..... Notary Public.

My commission expires .....

Name Tom Sartin

Postion Field Superintendent

Representing The Midwest Refining Co
Company or Operator

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	60	20	Sand
60	70	10	Water sand
70	135	65	Sand
135	150	15	Sand and red clay
150	202	52	Sand and red beds
202	330	28	Red beds
330	460	30	Red beds and hard sand
460	1015	555	Red beds
1015	1115	100	Red beds and red shale
1115	1190	75	Anhydrite and hard shells
1190	1275	85	Red rock and anhydrite
1275	1462	187	Red rock and shale
1462	1481	19	Broken red rock
1481	1508	27	Broken red rock
1508	1520	12	Red rock and anhydrite
1520	1615	95	Anhydrite
1615	1730	115	Salt
1730	1765	35	Anhydrite
1765	1810	45	Salt
1810	1835	25	Anhydrite
1835	2380	545	Salt
2380	2410	30	Anhydrite
2410	2515	105	Salt
2515	2530	15	Anhydrite
2530	2580	50	Red rock
2580	2615	35	White and red rock
2615	2690	75	Anhydrite
2690	2700	10	Red rock
2700	2710	10	Hard rock
2710	2730	20	Caving red rock
2730	2755	25	Caving red rock
2755	2820	65	Hard anhydrite (gas at 2805')
2820	3170	320	Anhydrite (Gas and Oil at 5150')
3170	3190	20	Sand
3190	3200	10	Hard lime
3200	3205	5	Hard andydrite
3205	3226	21	Lime (gas at 3222 and 3226')
3226	3259	33	Hard lime
3259	3685	426	Anhydrite
3685	3730	45	Anhydrite and brown lime
3730	3735	5	Sand (Salt water)
3735	3752	17	Sand (water)
3752	3765	13	Lime
3765	3952	187	Gray lime
3952	3980	28	Black lime
3980	3990	10	Lime
3990	3995	5	Sand (First oil pay)
3995	4020	25	Lime
4020	4025	5	Lime cavity (large pay Est 12,000 Bbls)