E. C. Mosely No. 2
NM-115
Form SG 108

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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 __Humble Oil & Refining__ Address __Houston, Texas__

Send correspondence to __Mr. R. C. Barbour__ Address __P.O. Box W, Midland, Texas__

__E. C. Mosely__ Well No. __2__ in __SE 1/4__ of Sec. __10__, T __24 South__

R. __36 East__, N. M. P. M. __Jal, New Mexico__ Oil Field __Lea__ County.

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

If patented land the owner is __E. C. Mosely   9__, Address __Jal, New Mexico__

The lessee is __Humble Oil & Refining Co.__, Address __Houston, Texas__

If not state or patented land, give status ____

Drilling commenced __8/4,__ 19 __35__ Drilling was completed __9/1,__ 19 __35__

Name of drilling contractor __Loffland Bros.__ Address __Tulsa, Okla.__

Elevation above sea level at top of casing __3654__ feet. Braden head Elevation 3381 Derrick floor " 3396

The information given is to be kept confidential until ____ 19____.

OIL SANDS OR ZONES

No. 1, from __3611__ __3625__ to __3680__ __3914__   No. 4, from ____ to ____

No. 2, from __3639__ to __3641__   No. 5, from ____ to ____

No. 3, from ____ to ____   No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____   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 & PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13-3/8"	54.50	8	J&L	279'0"	T.P.	None	None		
7-5/8"	29.70	8	J&L	3196'9"	Hal.	None	None		
5-1/2"	17.00	10	J&L	3535'7"	Hal.	None	None		
TUBING RECORD:									
2"	4.70	10	USE	3631'0"			3631'0"	3624'8"	Ins. Prod.
		Set Shopmade Spiral Canvas Packer					3624'8"	3637'7"	Shut off Wtr
							3637'7"	3641'0"	Ins. Prod.

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8"	197'0"	200	Halliburton	10.5#	70 tons used in
7-5/8"	3215'0"	825	"	10.5#	well
5-1/2"	3550'0"	100	"	10.5#	

PLUGS AND ADAPTERS

Halliburton Two-Stage Tool

Heaving plug—Material XXXXX XXXXXXX Length __2'4"__ Depth Set __1636'__

Adapters—Material ____ Size ____

Note: 350 sacks cement used below tool and 475 sacks above tool. Tool set in 7-5/8" casing string.

SHOOTING RECORD

XXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

NOTE: 1000 gallons of Dowell IX Acid was put into well on September 10th, 1935. After treatment well showed 80 bbls. oil thru 3/4" choke in 1 hour about 3% B. S. & W.

TOOLS USED

Rotary tools were used from __0__ feet to __3641__ feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

PRODUCTION

Put to producing __9/10,__ 19 __35__.

The production of the first 24 hours was __130__ barrels of fluid of which __96__ % was oil; ____%

emulsion; __4__ % 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

__Joe Christerson__, Driller   __Gus Everett__, Driller

__C. C. Fielder__, 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 __16th__ Name __R. C. Barbour__

day of __September__, 19 __35__ Position __Division Superintendent__

__Helen Hodges__ Representing __Humble Oil & Refining Company__

Notary Public.   Company or Operator.

My commission expires __May 31st 1937__

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	147	147	Sand and shells
147	310	163	Shells and red beds
310	585	275	Red rock
585	988	403	Shells and shale
988	1140	152	Red shale
1140	1323	183	Shale and lime shells
1323	1425	102	Shale and anhydrite
1425	1445	20	Salt and anhydrite
1445	1510	65	Broken lime
1510	1600	90	Salt
1600	1643	43	Anhydrite
1643	1860	217	Salt
1860	2008	148	Salt and anhydrite
2008	2028	20	Anhydrite
2028	2112	84	Salt
2112	2128	16	Anhydrite
2128	2330	202	Salt
2330	2660	330	Salt and anhydrite
2660	2690	30	Salt
2690	2744	54	Anhydrite
2744	2978	234	Salt and anhydrite
2978	3001	23	Anhydrite
3001	3084	83	Salt
3084	3184	100	Anhydrite
3184	3213	29	Lime
3213	3222	9	Anhydrite
3222	3378	156	Brown lime
3378	3607	229	Lime
3607	3611	4	Lime and sand
3611	3621	10	Broken lime and sand
3621	3628	7	Lime
3628	3641	13	Broken lime - Total Depth.