Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 061842
LEASE OR PERMIT TO PROSPECT

RECEIVED
JUL 17 1962
ARTESIA, N. M.

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JUL 16 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLUGGED AND ABANDONED

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Kewanee Oil Company Address P. O. Box 3786, Odessa, Texas

Lessor or Tract Miller "BX" Deep Field Undesignated State New Mexico

Well No. 1 Sec. 14 T. 17S R. 32E Meridian NMPM County Lea

Location 410 ft. {N. / S.} of S. Line and 660 ft. {E. / W.} of E. Line of Section 14 Elevation 4073'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed John R. Young

Date July 12, 1962 Title Division Clerk

The summary on this page is for the condition of the well at above date.

Commenced drilling March 17, 19 62 Finished drilling July 1, 19 62

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from to No. 4, from to

No. 2, from to 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8"	48		Gulf Coast	301.25'					Intermediate
9-5/8"	40 & 36		Gulf Coast	4959.79'					Surface
	& J-55								

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	301.25'	425 sacks	Pump & Plug		
9-5/8"	4959.79'	3623 sacks	Pump & Plug		

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 0 feet to 14,015 feet, and from feet to feet

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

DATES

, 19 Put to producing , 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. H. Owen, Driller M. H. Castleman, Driller

R. E. Evans, Driller R. O. Large, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110	110	Sand and Caliche
110	325	215	Red Bed
325	969	644	Red Bed and Sand
969	1122	153	Red Bed and Anhydrite
1122	1493	371	Salt
1493	2564	1071	Anhydrite and Salt
2564	3477	913	Anhydrite and Gyp
3477	3548	71	Anhydrite
3548	3622	74	Anhydrite and Lime
3622	3683	61	Anhydrite, Gyp and Lime
3683	3832	149	Anhydrite and Lime
3832	3852	20	Sand and Lime
3852	4127	275	Lime
4127	4163	36	Lime and Sand
4163	4238	75	Lime
4238	4275	37	Sandy Lime
4275	4310	35	Sand and Lime
4310	4362	52	Lime
4362	4708	346	Sand and Lime
4708	4960	252	Sandy Lime

FORMATION RECORD—Continued

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4960	5058	98	Lime
5058	6485	1427	Lime and Sand
6485	6680	195	Lime
6680	6747	67	Lime and Sand
6747	7862	1115	Lime
7862	8195	333	Lime and Shale
8195	8325	130	Lime
8325	8965	640	Dolomite
8965	8996	31	Lime
8996	9246	250	Lime and Shale
9246	9418	172	Lime
9418	9486	68	Dolomite
9486	9650	164	Lime
9650	9734	84	Lime and Shale
9734	9819	85	Lime
9819	9921	102	Lime and Chert
9921	9972	51	Lime, Chert and Shale
9972	10025	53	Lime
10025	10068	43	Lime and Shale
10068	10081	13	Lime
10081	10150	69	Lime, Chert and Shale
10150	10180	30	Lime
10180	10216	36	Sandy Lime
10216	10222	6	Lime, Sand and Chert
10222	10255	33	Lime and Sand
10255	10668	413	Lime
10668	11144	476	Lime and Shale
11144	11147	3	Chert
11147	11184	37	Lime and Chert
11184	11231	47	Lime
11231	12554	1323	Lime and Shale
12554	12638	84	Lime
12638	12689	51	Lime and Sand
12689	12736	47	Lime
12736	12743	7	Lime, Shale and Sand
12743	13026	283	Lime
13026	13093	67	Lime and Shale
13093	13154	61	Shale
13154	13217	63	Lime
13217	13368	151	Lime and Shale
13368	13507	139	Lime
13507	13646	139	Lime and Shale
13646	13840	194	Lime
13840	13887	47	Lime and Chert
13887	13898	11	Lime, Chert and Shale
13898	13984	86	Lime and Shale
13984	14015	31	Lime and Chert
14015			Rotary Total Depth C. M.

SEE SCHLUMBERGER TOPS BELOW

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DST #1 - 5910'-5990'. Tool open 30 Min. Weak blow diminishing to end of test. Recovered 200' drilling fluid. No show oil or gas. ISIP 515# in 45 Min.; FP 110#; FSIP 130# in 45 Min.; Hyd. P. 2560#.

DST #2 - 10,232'-10,333'. Tool open 30 Min. Opened with very weak blow and died. Recovered 265' drilling mud. 1 hour ISIP 3825#; FP 45-70#; 1 hour FSIP 3665#; Hyd. P. 5495-5515#.

DST #3 - 10,336'-10,486'. Tool open 90 Min. Opened with weak blow, increasing to fair blow at end of test. Recovered 688' gas and salt water cut drilling mud. 1 hour ISIP 3990#; FP 90-360#; FSIP 3660#; Hyd. P. 5510-5490#.

DST #4 - 11,557'-11,614'. Tool open 3 hours. Gas to surface in 7 Min. at rate of 145,000 CFPD, diminishing to 21,000 CFPD at end of test. Recovered 510' slightly oil and heavily gas cut mud. 1 hour ISIP 1645#; FP 135-180#; 1-1/2 hour FSIP 1645#; Hyd. P. 6590#.

Schlumberger Electric Log Tops

B/Salt	2218'	+ 1855'
Yates	2418'	+ 1655'
Seven Rivers	2710'	+ 1363'
Queen	3360'	+ 1713'
Grayburg	3780'	+ 293'
San Andres	4150'	- 77'
Glorietta	5600'	- 1527'
Paddock	5790'	- 1717'
Clearfork	6525'	- 2452'
Tubb	7165'	- 3092'
Abo	7850'	- 3777'
Wolfcamp	9435'	- 5362'
Cisco	10440'	- 6367'
Canyon	11475'	- 7402'
Strawn	12308'	- 8235'
Atoka	12620'	- 8547'
Morrow	13135'	- 9062'
Chester	13774'	- 9701'

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