

U. S. LAND OFFICE **Santa Fe**
Jicarilla Tribal
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT **290**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

1470 First National Building
Oklahoma City, OklahomaCompany **Kingwood Oil Company** Address _____
Lessor or Tract **Jicarilla** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **23** T. **30N** R. **1W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **530** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Section 23** Elevation **7826'**
(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 *Ben Spain*Date **July 20, 1961** Title **Chief Clerk**

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

Commenced drilling **April 30,** 19**61** Finished drilling **July 11,** 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** 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 **985'** to **1000'** No. 3, from **3550'** to **3573'**
No. 2, from **1483'** to **1560'** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
13-3/8	48#			59'	Texas Pattern				Surface
10-3/4	32.75#	8		1896'	None	1896'			Intermediate
8-5/8	24#	6		3380'	None	3380'			Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	59'	30	Puddling		
10-3/4	1896'	None			
8-5/8	3380'	None			

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Q** feet to **3573'** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **Dry Hole**, 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

Drilled by Contractor _____, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	Top soil
5	820	815	Shale
820	880	60	Sand & shale
880	980	100	Shale
980	1025	45	Lime & shale
1025	1250	225	Sand & shale
1250	1260	10	Sand
1260	1270	10	Coal
1270	1280	10	Sand
1280	1325	45	Coal & shale
1325	1550	225	Sand
1550	1600	50	Sandy shale
1600	1620	20	Sand
1620	1645	25	Sand & shale
1645	1660	15	Sand
1660	1671	11	Sandy shale
1671	1675	4	Sand
1675	1750	75	Sandy shale
1750	1805	55	Sand
1805	1900	95	Sand & shale
1900	2650	750	Shale
2650	2700	50	Lime
2700	2895	195	Shale
2895	2980	85	Sand & shale
2980	3015	35	Shale & soapstone
3015	3075	60	Shale

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
3075	3110	35	Shale & lime shells
3110	3390	280	Shale
3390	3410	20	Lime
3410	3435	25	Shale
3435	3470	35	Lime
3470	3520	50	Soapstone & shale
3520	3535	15	Shale
3535	3573	38	Sand

Electric Log Tops:

Mesaverde, 985'
 Mancos, 1505'
 Niobrara, 2430'
 Gallup, 2612'
 Sanastee, 3113'
 Greenhorn, 3395'
 Graneros, 3435'
 Dakota, 3550'
 T.D., 3573'

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Western Drilling Co., contractor, rigged up cable tools. Spudded 6:00 p.m., 4-30-61. Drilled 15½" hole, 0-65'. Ran 2 jts., 59' of 13-3/8" surface casing, cemented to surface with 30 sacks. W.O.C. 26 hrs. Drilled 12½" hole, 65-1681'. Ran 10-3/4" casing to 1681', not cemented. Drilled 1681-1900', hole making water. Under-reamed 10-3/4" casing, 1681-1900'. Lost bottom joint of casing. Pulled, recovered lost joint and re-ran to 1897', not cemented. Drilled 1900-3380'. Ran 8-5/8" casing to 3380' to shut off cavings. Drilled 3380-3573'. No shows of oil or gas. Plugged with 90 sacks of cement, 3573-3300'; heavy mud, 3300-1600'; 50 sacks of cement, 1600-1450'; heavy mud, 1450-1000'; 20 sacks of cement, 1000-930'; heavy mud, 930-12'; 10 sacks of cement, 12' to surface with marker cemented in top of surface casing. Plugging completed 7-16-61.

