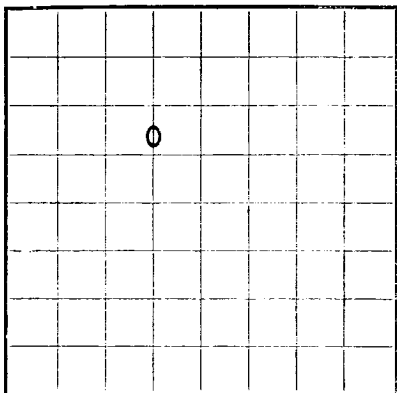




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

New Mexico

04180

F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company United States Smelting Refining & Mining Company Address P. O. Box 1877, Midland, Texas
Lessor or Tract Kelly-Federal Field Wildcat State New Mexico
Well No. #2 #9-1 Sec. 9 T. 23 R. 23 Meridian _____ County Eddy
Location 1980 ft. N. of N Line and 1980 ft. E. of W Line of Sec. 9 Elevation 4174
(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.

Date March 18, 1953 Signed W. W. Davis Title Production Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling February 25, 1953 Finished drilling March 16, 1953

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		Purpose
							From—	To—	
10 3/4	32.75	8 rd	Youngs-town	339	Larkin	339'			
8 5/8	32	8 rd	Youngs-town	733	Larkin	733'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	339'	12 sacks Aquagel	Denton Oil Well Cementing Company		
8 5/8	733'	12 sacks Aquagel	Denton Oil Well Cementing Company		

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 _____ 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

W. D. Walker _____, Driller J. O. Stewart _____, Driller
John H. Watt _____, Tooldresser D. M. Jenkins _____, Tooldresser

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Line & shale
25	40	15	Lime
40	50	10	Gyp
50	75	25	Broken lime
75	100	25	Red Bed
100	110	10	Gyp
110	130	20	Red Bed
130	135	5	Broken lime
135	145	10	Gyp
145	159	14	Broken Lime
159	175	16	Red Bed
175	180	5	Sand
180	234	54	Broken lime
234	242	8	Sand (Water)
242	252	10	Broken lime
252	260	8	Blue mud
260	336	76	Broken lime
336	345	9	Lime
345	365	20	Sandy shale
365	396	31	Broken lime
396	414	18	Grey lime
414	421	7	Sandy lime
421	440	19	Broken lime
440	455	15	Sandy lime
455	468	13	Broken lime
468	476	8	Grey lime

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
476	511	35	Broken lime
511	523	12	Gyp & lime
523	541	18	Grey lime
541	549	8	Broken lime
549	558	9	Sand & lime
558	567	9	Blue sand
567	574	7	Grey lime
574	582	8	Sandy lime
582	626	44	Lime
626	636	10	Blue sand
636	646	10	Blue & grey sand
646	656	10	Sand & lime
656	663	7	Grey sand
663	697	34	Sandy lime
697	721	25	Lime
721	723	2	Sand
723	729	6	Sand (white)
729	733	4	Dolomite
733	763	30	Dolomite (white)
763	773	10	Sand (water)
773	778	5	Sand
778	795	17	Dolomite
795	803	8	Grey lime
803	825	22	Grey sandy lime
825	840	15	Dolomite & lime
840	845	5	Grey lime
845	852	7	Dolomite
852	877	25	Grey sand
877	881	4	Lime
881	901	20	Grey lime
901	905	4	Sandy lime
905	917	12	Pink lime
917	925	8	Pink sandy lime
925	948	23	Grey sandy lime
948	954	6	Lime
954	969	15	Sand
969	974	5	Brown lime
974	981	7	Grey sandy lime
981	988	7	Sandy dolomite
988	1000	12	Grey sand
1000	1008	8	Sand

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, 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.

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