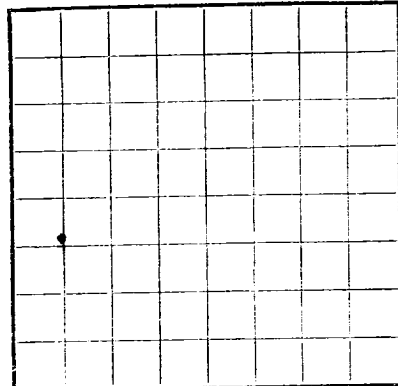


U. S. LAND OFFICE L.C.
SERIAL NUMBER 1063472
LEASE OR PERMIT TO PROSPECT



RECEIVED
JUL 10 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
JUL 11 1961
D. C. S.
ARTESIA OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company A. J. Smith et al Address Box 31, Artesia, N.M.
Lessor or Tract Canfield-Federal Field Loco Hills State N.M.
Well No. 1A Sec. 17 T. 13S R. 30E Meridian 10R County Eddy
Location 1900 ft. N. of S Line and 660 ft. E. of W Line of Sec. 17 Elevation 3481.5
(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 July 7, 1961 Signed A. J. Smith Title Operator

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

Commenced drilling July 11, 1961 Finished drilling 6/24/61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2910 to 2910 No. 4, from 3092 to 3090
No. 2, from 2990 to 3004 No. 5, from _____ to _____
No. 3, from 3022 to 3027 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 300 to 305 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	
<u>5/8"</u>				<u>335</u>					<u>water</u>
<u>4 1/2"</u>				<u>3110</u>					<u>oil</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8"</u>	<u>32</u>	<u>50</u>	<u>Denton</u>		
<u>4 1/2"</u>	<u>3110</u>	<u>200</u>			

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
<u>and fractured—perforated at all oil zones</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3110 feet, and from _____ feet to _____ feet

DATES

7/7, 1961 Put to producing 7/7/61, 1961
The production for the first 24 hours was 130 barrels of fluid of which 95% was oil; _____% emulsion; 5% 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. 6257

EMPLOYEES

D. D. ..., Driller W. C. Culvahouse, Driller
Joe Vanberg, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	sandy red bed
100	145	45	sand
145	200	15	red sand
200	300	100	anhydrite
300	350	50	red rock & sand
350	390	40	red rock & anhydrite
390	1120	730	salt, set <u>5/8"</u> casing <u>390'</u>
730 1120	1365	745	lime
745 1365	2200	425	anhydrite & lime
2200	2305	15	gray sand
2305	2330	25	red sand
2330	2350	20	brown lime
2350	2525	107	anhydrite & lime
2525	2540	15	brown sand
2540	2555	15	red sand
2555	2610	60	gray lime
2610	2625	7	gas sand
2625	2694	69	anhydrite & lime
2694	2770	76	lime
2770	2810	40	sand
2810	2826	16	lime
2826	2827	1	sand
2827	3025	198	gray sandy lime
3025	3058	33	sand
3058	3064	6	lime
3064	3075	11	sand

(OVER)

FORMATION RECORD—Continued

FORMATION	TOTAL FEET	TO	FROM
11.0	10	3079	3079
10.0	10	3089	3079
11.0	11	3099	3089
11.0	11	3110	3099
11.0	11	3120	3110
11.0	11	3130	3120
11.0	11	3140	3130
11.0	11	3150	3140
11.0	11	3160	3150
11.0	11	3170	3160
11.0	11	3180	3170
11.0	11	3190	3180
11.0	11	3200	3190
11.0	11	3210	3200
11.0	11	3220	3210
11.0	11	3230	3220
11.0	11	3240	3230
11.0	11	3250	3240
11.0	11	3260	3250
11.0	11	3270	3260
11.0	11	3280	3270
11.0	11	3290	3280
11.0	11	3300	3290
11.0	11	3310	3300
11.0	11	3320	3310
11.0	11	3330	3320
11.0	11	3340	3330
11.0	11	3350	3340
11.0	11	3360	3350
11.0	11	3370	3360
11.0	11	3380	3370
11.0	11	3390	3380
11.0	11	3400	3390
11.0	11	3410	3400
11.0	11	3420	3410
11.0	11	3430	3420
11.0	11	3440	3430
11.0	11	3450	3440
11.0	11	3460	3450
11.0	11	3470	3460
11.0	11	3480	3470
11.0	11	3490	3480
11.0	11	3500	3490
11.0	11	3510	3500
11.0	11	3520	3510
11.0	11	3530	3520
11.0	11	3540	3530
11.0	11	3550	3540
11.0	11	3560	3550
11.0	11	3570	3560
11.0	11	3580	3570
11.0	11	3590	3580
11.0	11	3600	3590
11.0	11	3610	3600
11.0	11	3620	3610
11.0	11	3630	3620
11.0	11	3640	3630
11.0	11	3650	3640
11.0	11	3660	3650
11.0	11	3670	3660
11.0	11	3680	3670
11.0	11	3690	3680
11.0	11	3700	3690
11.0	11	3710	3700
11.0	11	3720	3710
11.0	11	3730	3720
11.0	11	3740	3730
11.0	11	3750	3740
11.0	11	3760	3750
11.0	11	3770	3760
11.0	11	3780	3770
11.0	11	3790	3780
11.0	11	3800	3790
11.0	11	3810	3800
11.0	11	3820	3810
11.0	11	3830	3820
11.0	11	3840	3830
11.0	11	3850	3840
11.0	11	3860	3850
11.0	11	3870	3860
11.0	11	3880	3870
11.0	11	3890	3880
11.0	11	3900	3890
11.0	11	3910	3900
11.0	11	3920	3910
11.0	11	3930	3920
11.0	11	3940	3930
11.0	11	3950	3940
11.0	11	3960	3950
11.0	11	3970	3960
11.0	11	3980	3970
11.0	11	3990	3980
11.0	11	4000	3990
11.0	11	4010	4000
11.0	11	4020	4010
11.0	11	4030	4020
11.0	11	4040	4030
11.0	11	4050	4040
11.0	11	4060	4050
11.0	11	4070	4060
11.0	11	4080	4070
11.0	11	4090	4080
11.0	11	4100	4090
11.0	11	4110	4100
11.0	11	4120	4110
11.0	11	4130	4120
11.0	11	4140	4130
11.0	11	4150	4140
11.0	11	4160	4150
11.0	11	4170	4160
11.0	11	4180	4170
11.0	11	4190	4180
11.0	11	4200	4190
11.0	11	4210	4200
11.0	11	4220	4210
11.0	11	4230	4220
11.0	11	4240	4230
11.0	11	4250	4240
11.0	11	4260	4250
11.0	11	4270	4260
11.0	11	4280	4270
11.0	11	4290	4280
11.0	11	4300	4290
11.0	11	4310	4300
11.0	11	4320	4310
11.0	11	4330	4320
11.0	11	4340	4330
11.0	11	4350	4340
11.0	11	4360	4350
11.0	11	4370	4360
11.0	11	4380	4370
11.0	11	4390	4380
11.0	11	4400	4390
11.0	11	4410	4400
11.0	11	4420	4410
11.0	11	4430	4420
11.0	11	4440	4430
11.0	11	4450	4440
11.0	11	4460	4450
11.0	11	4470	4460
11.0	11	4480	4470
11.0	11	4490	4480
11.0	11	4500	4490
11.0	11	4510	4500
11.0	11	4520	4510
11.0	11	4530	4520
11.0	11	4540	4530
11.0	11	4550	4540
11.0	11	4560	4550
11.0	11	4570	4560
11.0	11	4580	4570
11.0	11	4590	4580
11.0	11	4600	4590
11.0	11	4610	4600
11.0	11	4620	4610
11.0	11	4630	4620
11.0	11	4640	4630
11.0	11	4650	4640
11.0	11	4660	4650
11.0	11	4670	4660
11.0	11	4680	4670
11.0	11	4690	4680
11.0	11	4700	4690
11.0	11	4710	4700
11.0	11	4720	4710
11.0	11	4730	4720
11.0	11	4740	4730
11.0	11	4750	4740
11.0	11	4760	4750
11.0	11	4770	4760
11.0	11	4780	4770
11.0	11	4790	4780
11.0	11	4800	4790
11.0	11	4810	4800
11.0	11	4820	4810
11.0	11	4830	4820
11.0	11	4840	4830
11.0	11	4850	4840
11.0	11	4860	4850
11.0	11	4870	4860
11.0	11	4880	4870
11.0	11	4890	4880
11.0	11	4900	4890
11.0	11	4910	4900
11.0	11	4920	4910
11.0	11	4930	4920
11.0	11	4940	4930
11.0	11	4950	4940
11.0	11	4960	4950
11.0	11	4970	4960
11.0	11	4980	4970
11.0	11	4990	4980
11.0	11	5000	4990

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.