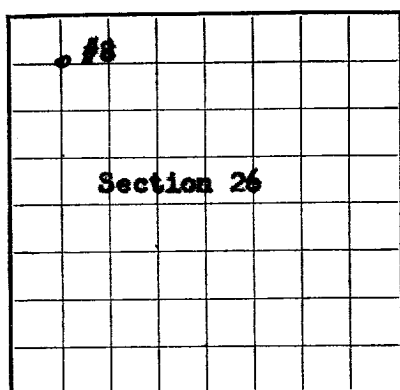


U S LAND OFFICE **Las Cruces**

SERIAL NUMBER 029418 (B)

LEASE OR PERMIT TO PROSPECT -----



LOCATE WELL CORRECTLY

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY MAY 25 1960

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
Lessor or Tract Lea "B" Field Grayburg Jackson State New Mexico
Well No. 8 Sec. 26 T. 17S R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of N. Line and 660 ft. E. of N. Line of Sec. 26 Elevation 3840' DF
(Derive 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 May 19, 1960 Signed J. J. [Signature]
Title Dist. Supt.

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

Commenced drilling April 21, 1960 Finished drilling May 6, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from 3276 to 2470
No. 2 from 3284 to 3566
No. 3 from 3581 to 3674
No. 4 from 3692 to 3776
No. 5 from 3776 to 3800
No. 6 from 3800 to 3871
No. 7 from 3871 to 3900
No. 8 from 3900 to 3930
No. 9 from 3930 to 3960
No. 10 from 3960 to 3990
No. 11 from 3990 to 4020
No. 12 from 4020 to 4050
No. 13 from 4050 to 4080
No. 14 from 4080 to 4110
No. 15 from 4110 to 4140
No. 16 from 4140 to 4170
No. 17 from 4170 to 4200
No. 18 from 4200 to 4230
No. 19 from 4230 to 4260
No. 20 from 4260 to 4290
No. 21 from 4290 to 4320
No. 22 from 4320 to 4350
No. 23 from 4350 to 4380
No. 24 from 4380 to 4410
No. 25 from 4410 to 4440
No. 26 from 4440 to 4470
No. 27 from 4470 to 4500
No. 28 from 4500 to 4530
No. 29 from 4530 to 4560
No. 30 from 4560 to 4590
No. 31 from 4590 to 4620
No. 32 from 4620 to 4650
No. 33 from 4650 to 4680
No. 34 from 4680 to 4710
No. 35 from 4710 to 4740
No. 36 from 4740 to 4770
No. 37 from 4770 to 4800
No. 38 from 4800 to 4830
No. 39 from 4830 to 4860
No. 40 from 4860 to 4890
No. 41 from 4890 to 4920
No. 42 from 4920 to 4950
No. 43 from 4950 to 4980
No. 44 from 4980 to 5010
No. 45 from 5010 to 5040
No. 46 from 5040 to 5070
No. 47 from 5070 to 5100
No. 48 from 5100 to 5130
No. 49 from 5130 to 5160
No. 50 from 5160 to 5190
No. 51 from 5190 to 5220
No. 52 from 5220 to 5250
No. 53 from 5250 to 5280
No. 54 from 5280 to 5310
No. 55 from 5310 to 5340
No. 56 from 5340 to 5370
No. 57 from 5370 to 5400
No. 58 from 5400 to 5430
No. 59 from 5430 to 5460
No. 60 from 5460 to 5490
No. 61 from 5490 to 5520
No. 62 from 5520 to 5550
No. 63 from 5550 to 5580
No. 64 from 5580 to 5610
No. 65 from 5610 to 5640
No. 66 from 5640 to 5670
No. 67 from 5670 to 5700
No. 68 from 5700 to 5730
No. 69 from 5730 to 5760
No. 70 from 5760 to 5790
No. 71 from 5790 to 5820
No. 72 from 5820 to 5850
No. 73 from 5850 to 5880
No. 74 from 5880 to 5910
No. 75 from 5910 to 5940
No. 76 from 5940 to 5970
No. 77 from 5970 to 6000
No. 78 from 6000 to 6030
No. 79 from 6030 to 6060
No. 80 from 6060 to 6090
No. 81 from 6090 to 6120
No. 82 from 6120 to 6150
No. 83 from 6150 to 6180
No. 84 from 6180 to 6210
No. 85 from 6210 to 6240
No. 86 from 6240 to 6270
No. 87 from 6270 to 6300
No. 88 from 6300 to 6330
No. 89 from 6330 to 6360
No. 90 from 6360 to 6390
No. 91 from 6390 to 6420
No. 92 from 6420 to 6450
No. 93 from 6450 to 6480
No. 94 from 6480 to 6510
No. 95 from 6510 to 6540
No. 96 from 6540 to 6570
No. 97 from 6570 to 6600
No. 98 from 6600 to 6630
No. 99 from 6630 to 6660
No. 100 from 6660 to 6690
No. 101 from 6690 to 6720
No. 102 from 6720 to 6750
No. 103 from 6750 to 6780
No. 104 from 6780 to 6810
No. 105 from 6810 to 6840
No. 106 from 6840 to 6870
No. 107 from 6870 to 6900
No. 108 from 6900 to 6930
No. 109 from 6930 to 6960
No. 110 from 6960 to 6990
No. 111 from 6990 to 7020
No. 112 from 7020 to 7050
No. 113 from 7050 to 7080
No. 114 from 7080 to 7110
No. 115 from 7110 to 7140
No. 116 from 7140 to 7170
No. 117 from 7170 to 7200
No. 118 from 7200 to 7230
No. 119 from 7230 to 7260
No. 120 from 7260 to 7290
No. 121 from 7290 to 7320
No. 122 from 7320 to 7350
No. 123 from 7350 to 7380
No. 124 from 7380 to 7410
No. 125 from 7410 to 7440
No. 126 from 7440 to 7470
No. 127 from 7470 to 7500
No. 128 from 7500 to 7530
No. 129 from 7530 to 7560
No. 130 from 7560 to 7590
No. 131 from 7590 to 7620
No. 132 from 7620 to 7650
No. 133 from 7650 to 7680
No. 134 from 7680 to 7710
No. 135 from 7710 to 7740
No. 136 from 7740 to 7770
No. 137 from 7770 to 7800
No. 138 from 7800 to 7830
No. 139 from 7830 to 7860
No. 140 from 7860 to 7890
No. 141 from 7890 to 7920
No. 142 from 7920 to 7950
No. 143 from 7950 to 7980
No. 144 from 7980 to 8010
No. 145 from 8010 to 8040
No. 146 from 8040 to 8070
No. 147 from 8070 to 8100
No. 148 from 8100 to 8130
No. 149 from 8130 to 8160
No. 150 from 8160 to 8190
No. 151 from 8190 to 8220
No. 152 from 8220 to 8250
No. 153 from 8250 to 8280
No. 154 from 8280 to 8310
No. 155 from 8310 to 8340
No. 156 from 8340 to 8370
No. 157 from 8370 to 8400
No. 158 from 8400 to 8430
No. 159 from 8430 to 8460
No. 160 from 8460 to 8490
No. 161 from 8490 to 8520
No. 162 from 8520 to 8550
No. 163 from 8550 to 8580
No. 164 from 8580 to 8610
No. 165 from 8610 to 8640
No. 166 from 8640 to 8670
No. 167 from 8670 to 8700
No. 168 from 8700 to 8730
No. 169 from 8730 to 8760
No. 170 from 8760 to 8790
No. 171 from 8790 to 8820
No. 172 from 8820 to 8850
No. 173 from 8850 to 8880
No. 174 from 8880 to 8910
No. 175 from 8910 to 8940
No. 176 from 8940 to 8970
No. 177 from 8970 to 9000
No. 178 from 9000 to 9030
No. 179 from 9030 to 9060
No. 180 from 9060 to 9090
No. 181 from 9090 to 9120
No. 182 from 9120 to 9150
No. 183 from 9150 to 9180
No. 184 from 9180 to 9210
No. 185 from 9210 to 9240
No. 186 from 9240 to 9270
No. 187 from 9270 to 9300
No. 188 from 9300 to 9330
No. 189 from 9330 to 9360
No. 190 from 9360 to 9390
No. 191 from 9390 to 9420
No. 192 from 9420 to 9450
No. 193 from 9450 to 9480
No. 194 from 9480 to 9510
No. 195 from 9510 to 9540
No. 196 from 9540 to 9570
No. 197 from 9570 to 9600
No. 198 from 9600 to 9630
No. 199 from 9630 to 9660
No. 200 from 9660 to 9690
No. 201 from 9690 to 9720
No. 202 from 9720 to 9750
No. 203 from 9750 to 9780
No. 204 from 9780 to 9810
No. 205 from 9810 to 9840
No. 206 from 9840 to 9870
No. 207 from 9870 to 9900
No. 208 from 9900 to 9930
No. 209 from 9930 to 9960
No. 210 from 9960 to 9990
No.

CASE RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8" and 5-1/2"	11 lbs. 10 oz. and 11 lbs. 10 oz.	12 and 12	12 and 12	12 and 12	12 and 12	12 and 12	12 and 12	12 and 12	12 and 12
HISTORY OF OIL OF CV2 METT									
10-12000-3 0-1 COALBURNELL DRILLING OFFICE									

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8-5/8"	783'	100	Halliburton	—	—
	5-1/2"	3700'	375	Halliburton	—	—

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 3330 feet, and from _____ feet to _____ feet.

DATES

19	Put to producing	19
----	------------------	----

The production for the first ~~224,160 barrels~~ ^{224,160 barrels} ~~353~~ barrels of fluid of which 98.6% was oil; _____% emulsion; 1.4% water; and _____% sediment. Gravity, °Bé. 38.6

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Allen, Driller Prust, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	540	540	Sand & red beds
540	733	193	Anhydrite
733	1680	947	Salt
1680	1855	175	Anhydrite
1855	2226	371	Sand & anhydrite
2226	2854	628	Dolomite, anhydrite & sand
2854	3026	172	Sand & anhydrite
3026	3248	222	Sand
3248	3588	340	Dolomite & sand
3588	3682	94	Sand
3682	3779	97	Dolomite
	3779	Total Depth	

GEOLOGICAL TOPS BY MCCULLOUGH GAMMA RAY NEUTRON LOG:

Top Anhydrite	540'		
Top Salt	733'		
Base Salt	1680'		
Top Yates	1855'		
Top Seven Rivers	2226'		
Top Queen	2854'		
Top Penrose	3026'		
Top Grayburg	3248'		
Top Premier	3588'		
Top San Andres	3682'		
FROM—	TO—	LOVELL REEL	LOFTYMON

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOP. STATE WHETHER IT IS AN UNFINISHED

[OVER]

LOCALIZATION RECORD—Continued

16-43004-4

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
MAY 1 1960

65 10100-00

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 _____

Date May 18, 1960 Title _____

Location Sec. 27 T. 2 N. R. 3 E. Meridian of 2 Line and 66 ft. [E] [W]
[] of Line of [] Elevation 2045
County State Field Office Address Box 28 - Hobbs, New Mexico Company Hobbs Oil Company

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

After recovering all load oil well flowed 3/8 bbls. oil and 5 bbls. salt water in 22-1/2 days, then 3/4 barrels; I.P. 1000 ft. C.P. 1000 ft. 18

Run 2" tubing to 3690'. Spotted 250 gals. Dowell 15% reg. acid on bottom. Loaded hole with oil. Let acid work for 1 hour. Broke open hole section 3700-3779', down at 3800' breaking back to 3800#. Pumped acid and 80 bbls. oil into formation. Fractured open hole 3700-3779', with 1525 bbls. 12% oil 72,000# 20/40 sand and 3000# Adomite by Dowell, Inc. Started treatment with sand mixed 1/4# per gal. oil and gradually increased sand to 3 1/4# per gal. oil. Adomite mixed 1/10# per gal. oil at start of treatment and decreased to 1/40# per gal. oil. Max. pressure 3900#, min. pressure 3800#. Max. inf. rate 28 bbls. per min., min. inf. rate 27 bbls. per min. Finished with 140 bbls. oil. Time of treatment 64 mins. Shut down pressure 2000#, dropped to 1700# in 6 hrs.

[illegible]

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 reason for the work and the 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 piers or bridges were put in to rest for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

Size casing	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 1/2"	37.5	100	Hydraulic	1.25	100
3"	45	125	Hydraulic	1.25	125

PLUGS AND ADAPTERS

[illegible]

TOOLS USED

Hotel tools were used from	feet to	feet and from	feet to
Hotel tools were used from	feet to	feet and from	feet to

DATE

It was well cut in per 24 hours	10	10
Gallons kerosene per 1,000 cu. ft. of gas	10	10
Gravity, °Be	10	10
Barrels of fluid of which	10	10
% was oil	10	10
Put to producing	10	10

EMPLOYEES

Differ		net		Differ		net	
Differ				Differ		bee	

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Gravel & red beds	240	240	0
Anhydrite	180	720	240
Salt	440	1160	720
Anhydrite	175	1335	1160
Gravel & anhydrite	375	1710	1335
Caliche, anhydrite & gravel	650	2360	1710
Gravel & anhydrite	170	2530	2360
Gravel	700	3230	2530
Gravel & anhydrite	240	3470	3230
Gravel	40	3510	3470
Caliche	70	3580	3510
Total Depth	3580		

Doc ID: 107034 Doc Name: IDOLIBO A. S. 64.5 12-01-1961

FROM—	TO—	TOTAL FEET	FORMATION
Top Ben. Andes	3073'		
Top Benton	3080'		
Top Boundary	3080'		
Top Permian	3080'		
Top Green	3085'		
Top Green Shales	3085'		
Top Lutes	3085'		
Mass. Shale	3085'		
Top Salt	3085'		
Top Anhydrite	3085'		

LOG CONTINUED ON NEXT SHEET

AT THE END OF COLUMN 11