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HOBBS

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 032096 b
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

New Well * Dual Completion

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Lockhart B-11 Field Terry Blinbry & Drinkard State New Mexico
Well No. 15 TB-D Sec. 11 T. 21 R. 37 Meridian NMPM County Lea
Location 2310 ft. N of S Line and 1650 ft. W of E Line of Sec 11 Elevation 3448 KB
(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

Date March 24, 1960

Title District Superintendent

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

Commenced drilling January 12, 1960, 19 Finished drilling February 10, 1960, 19

Perforations in OIL OR GAS SANDS OR ZONES
(DRINKARD) (Denote gas by G) (BLINEBRY)

No. 1, from 6589-6601 to 6606-11 No. 4, from 5752-62 to 5774-5818
No. 2, from 6628-36 to 6639-43 No. 5, from 5823-29 to 5833-38
No. 3, from 6655-65 to No. 6, from 5850-56 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—	
13 3/8	144	8	H-40	256	Guide				
9 5/8	268	8	H-40	3013	Guide				
7	238	8	J-55	6518	Float		SEE ABOVE		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	307	260	Pump & plug		
9 5/8	2995	1150	Pump & plug		
7	6760	475	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 6760 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing BLINEBRY (B) 3-18-60
The production for the first 24 hours was B 213 barrels of fluid of which 3 96% was oil; DRINKARD (D) 3-17-60
emulsion B 4 % water; and % sediment. Gravity, °Bé. D 100 B 40
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas D 39
Rock pressure, lbs. per sq. in.

EMPLOYEES

W. B. Gray, Driller H. E. Idlesman, Driller
L. L. Foster, Driller L. A. Morris, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1345		Red Beds
1345	1433		Anhydrite
1433	2469		Salt
2469	2615		Anhydrite & Shale
2615	2873		Sand, Anhydrite & Shale w/trace Dolo
2873	3424		Dolo, Anhydrite & Sand
3424	3591		Sand & Dolo
3591	3771		Sand, Dolo & Shale
3771	3978		Dolo, Sand & Anhydrite
3978	5236		Lime, Dolo, Chert, Anhydrite & Sand
5236	5686		Sand & Dolo
5686	6147		Sand, Dolo & Anhydrite
6147	6476		Sand, Dolo & Lime
6476	6748		Dolo & Anhydrite
6748	6760		Shale, Lime & Dolo

SEE ATTACHED SHEET FOR ADDITIONAL INFORMATION

(OVER)

16-48094-4

FORMATION RECORD - CONTINUED

0/3 USGS WAM Pan Am-Hobbs-3; Atl-Mid-2; Standard-Houston, Mid 1 ea; file

DRINKARD ZONE - Pay Drinkard 6589-6665', Net Effective Pay 39', Perf 6589-6601', 6606-11', 6628-36', 6639-43', 6655-65' W/4 JSPF by Collar Log. Log Comparison: 6589' is 6577' on Sonic, 6576' Induction ES, 6579' Microlog. IP Flwd 70 Bbls 39 deg grav oil, 0 BW in 21 hours, 15/64" Chk, TP 500 lbs, W/73 MCFGPD, GOR 913, DOR 80 Bbls. Est daily allow 64 B0. Acidfraced W/10,000 gals crude & acid, 5,000 lbs sand after Spearhead of 250 gals acid. TSTD 3-17-60. TUBB ZONE - Perf 6258-6312' W/2 JSPF by Collar Log. Log Comparison: GR Collar 6258' is 6246' Sonic, 6245' Induction ES, 6248' Microlog. Acidized W/250 gals & acidfraced W/4000 gals crude, 6000 gals acid, 3500 lbs sand. Tubb 6258-6312' squeezed W/50 sx. BLINEBRY ZONE - Pay Blinebry 5752-5856', Net Effective Pay 71', perf 5752-62', 5774-5818', 5823-29', 5833-38', 5850-56' by Collar Log. Log Comparison: 5752' on Collar Log is 5740' on Sonic, Microlog & ES Induction Log. IP Flwd 128 Bbls 40 deg grav oil, 5 BW in 15 hours, 18/64" Chk, TP 180 lbs, CP 300 lbs, W/128.6 MCFGPD, GOR 628, DOR 205 Bbls. Est daily allow 48 Bbls. Acidfrac W/500 gals acid, 10,000 gals acidfrac, 5000 lbs sand. TSTD 3-18-60. TOPS: Rustler 1345', Salado 1433', Tansill 2469', Yates 2615', Seven Rivers 2873', Queen 3424', Penrose 3591', Grayburg 3771', San Andres 3978', Glorieta 5236', Blinebry Marker 5686', Tubb 6147', Drinkard 6476', Abo 6748'. PL Conn Texas New Mexico Pipe Line. Drlg started 1-12-60, Comp 2-10-60, Rig released 2-10-60.