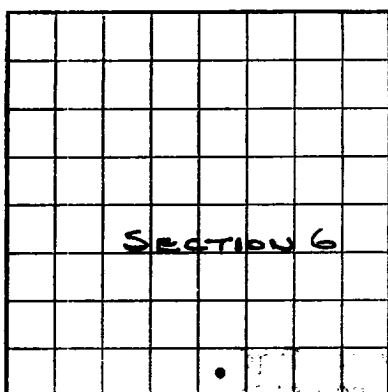


Form 9-380

COPY TO O. C. C.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 065970-D
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEB 4 1953
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

30-015-03693

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY.

Company El Capitan Oil Company Address Box 310, Midland, Texas
Lessor or Tract Federal Land Garbrough Field Malaga (Delaware) State New Mexico
Well No. 1 Sec. 6 T. 24S R. 29E Meridian County Eddy
Location 330 ft. (N. of S. Line and 230 ft. (E. of W. Line of Section Co. Elevation 3003' (DF)
(Elevation from 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 J. M. Morrison
Title Production Superintendent

Date August 29, 1952

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

Commenced drilling July 11, 1952 Finished drilling August 4, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2830 (ctm) to 2832 (ctm) 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 None 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	
8 5/8"	28 1/2	8 RD	Foreign	308.99	Texas Pattern	---	---	---	Surface Cag
5 1/2"	15 1/2	8 RD	Foreign	210.33	---	---	---	---	Oil String
*See Subsequent Report of Abandonment.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	321'	150	Pump & Plug	---	---
5 1/2"	2822'	100	Pump & Plug	---	---

PLUGS AND ADAPTERS None

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD None

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 2825 (RTM) set, and from _____ feet to _____ feet

Cable tools were used from 2825 (RTM) feet to 2832 (ctm) set, and from _____ feet to _____ feet

DATES

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

The production for the first 24 hours was 21.72 barrels of fluid of which 21 % was oil; 0 % emulsion; 78 % water; and 1 % sediment. (Swabbing test Gravity, °Bé. Not run

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

Rock pressure, lbs. per sq. in. Not Run

Rotary EMPLOYEES — Cable Tools
J. A. Craig, Driller A. L. Downey, Driller

Jack Pistole, Driller M. C. Hightower, Driller

J. B. Biggenstaff, Driller FORMATION RECORD D. G. Pierson, Driller

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Red Beds
300	420	120	Anhydrite and Lime
420	600	180	Salt and anhydrite
600	900	300	Salt
900	1270	370	Anhydrite and Sand
1270	1940	670	Anhydrite and Lime
1940	2200	160	Salt
2200	2350	150	Anhydrite and Lime
2350	2570	220	Salt
2570	2773	203	Anhydrite and Lime
2773	2810	37	Lime
2810	2832	22	Sand (Total Depth: Cable Tool Measurement)

[illegible][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 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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Location: 330' from the south line and 210' from the east line of Section 6, 1-27-S, R-29-E, Eddy County, ~~State~~ New Mexico.

Spilled: 7-11-52. Drilled 12 3/4" surface hole to 339' (RHM).

Trace tag: Set 308.99' of 8 5/8" surface casing at 321' (RTM) with 150 sacks 28 gal cement. Plug down at 6130 ft. 7-12-52. Cement circulated. WCC 36 hours.

Drilled 7 5/8" hole to 2825' (RTM). Set 2810.33' of 5 1/2" casing at 2822' (RTM) with 100 sacks neat cement. Plug down at 8:30 p.m., 7-25-52. Temperature survey showed top of cement behind 5 1/2" casing at 2330' (RTM). MCC approximately 6 days.

Completed: Moved out rotary tools and moved in cable tools 7-31-52. Drilled 4 3/4' hole to total depth of 2832' (csm). Ran Lane Wells Radioactivity Log, 8-4-52. Top of Black Limestone 2750' (csm). Top of Pay: 2830' (csm). Ran tubing and tested natural. Not enough fluid to load swab. Treated 8-6-52 with 1500 gallons sand-oil emulsion. Tubing plugged while swabbing after treatment. Pulled tubing and swabbed down with casing swab. Test 2 1/2 barrels of oil and 2 1/2 barrels of water in 21 hours. Re-ran tub and re-treated with 1500 gallons Fractured 8-9-52. Pulled tubing and swabbed down with casing swab. Bailed hole clean and tested 9.74 barrels of oil, 11.78 barrels of water on 24 hour swab test on August 14, 1952. Moved off cable tools and waited on unit to plug well.

Plugging: Moved on location to plug well 10-6-52. Loaded hole with mud. Ran tubing and set cement plug on bottom from 2750-2832'. Pilled tubing, shot off 5 1/2" casing and recovered 2322'. Re-ran tubing and set cement plugs from 600' to 900', in bottom of surface casing. From 290' to 300'. Set plug and 4" pipe washer in top of surface casing, 10-14-52.

SECTION 2

37-02-0323

ORIGINAL SURVEY

RECEIVED 1953

ASIA NEW YORK

DEPARTMENT OF THE INTERIOR

UNITED STATES

100-443887-100

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322
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