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AUG 29 1962

UNITED STATES

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGICAL SURVEY

9-32-4

LOG OF OIL OR GAS WELL

TERIOR

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JUL 30 1962

S. W. 44

S. GEOLOGICAL SURVEY

RTESIA, NEW MEXICO

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address 19th Floor, Wilco Bldg., Midland, Tex.
 Lessor or Tract Southern California Petroleum Corporation Federal Field Wildcat State New Mexico
 Well No. 1 Sec. 29 T. 19S R. 32E Meridian NMPM County Lea
 Location 1234 ft. N. of N. Line and 567 ft. E. of E. Line of Section 29 Elevation 3561 GL

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 July 25, 1962 D. L. Lockett
Title Division Petroleum Engineer

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

Commenced drilling March 23, 1962 Finished drilling July 3 1962

OIL OR GAS SANDS OR ZONES - DUAL COMPLETION
(Denote gas by G)

(Denote gas by G)

No. 1, from 11,419 to 11,439 No. 4, from 12,487 to 12,488 (G)
 No. 2, from 12,448 to 12,462 (G) No. 5, from _____ to _____
 No. 3, from 12,476 to 12,478 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	54.5#		J-55	826					Surface
9 5/8	42#		N-80	3047					Intermediate
5 1/2	17#		P-112	4793			12448	12462	Production
5 1/2	17#		N-80	3048			12471	12478	
2 1/16	3.25#		N-80	11,341			12480	12488	Strawn
2 1/16	3.25#		N-80	12,396			11410	11431	Morley

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	844'	950	circulated		
9 5/8	3947	2725	two-stage		
8 1/2	12,333'	350	one-stage		

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 12.834 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Production Test*	DATES	
----- July 18, 1962 -----, 19-----	Put to producing -----	19-----

(Strawn) The production for the first 24 hours was 311 barrels of fluid of which 1% was oil; 99% emulsion; 0% water; and 0% sediment. Gravity °Bé 44.78 API 13.5

If gas well, cu. ft. per 24 hours 18,777,777 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~664-48,873/1~~

BHP Strawn 5695

EHP Morrow 5648

EMPLOYEES

_____, Driller

_____, Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>TCPS</u>
			Rustler 851
			Top Salt 1135
			Base Salt 2465
			Ansil 2535
			Yates 2655
			Seven Rivers 2965
			Delaware Mt. Group 4510
			Bone Springs 7200
			Wolfcamp 10500
			Strawn 11215
			Atoka 11665
			Top Morrow Lime 11395
			1st Morrow Sd. 12295
			2nd Morrow Sd. 12465
			3rd Morrow Sd. 12665
			Chester Lime 12825
			Barnett 12925
			Mississippian 13075

* Dual Completion between Strawn and Morrow Formations. Zones isolated by production packer set at 12,390'.

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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.

HISTORY OF OIL OR GAS WELL

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Spud Date	Description
3/23/62	13 3/8" surface casing set.
3/26/62	9 5/8" intermediate casing set.
7/9/62	5 1/2" production casing set.
7/12/62	Brown HS 16-1 and HS 17-2C dual packers; HS 16-1 set @ 12,396' for Morrow production.
7/18/62	Production Test, Strawn Formation
7/19/62	Production Test, Morrow Formation

Brown HS 16-1 and HS 17-2C dual packers; HS 16-1 set @ 12,396' for Morrow production; HS 17-2C set @ 11,334' for Strawn production.

Production Test, Strawn Formation

Production Test, Morrow Formation