

Section 5

LOCATE WELL CORRECTLY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

SEP 6 1961

LOG OF OIL OR GAS WELL ^{U.S.}

Company Shell Oil Company Address Box 1858, Roswell, New Mexico
Lessor or Tract Trigg-Federal Field undesignated State New Mexico
Well No. 5 Sec. 5 T. 16N R. 31E Meridian NM County ddy
Location 760 ft. N. of S Line and 710 ft. E. of W Line of Section 5 Elevation 4034

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 September 1, 1961 _____

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

Commenced drilling August 16, 1961 Finished drilling August 24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by $\odot$)

No. 1, from 3291 to 3305 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 _____ 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—	
5-1/8"	25.54	8rd	Ort	696'					Surface Oil
2-7/8"	6.54	8rd	Ort	3362'	Outside		3292'	3299'	
							3302'	1305'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2"	697'	300	Pump & Plug	Cemented to surface	
2 7/8"	3369'	100	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 3375 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**September 1**-----, 19**61**----- Put to producing -----**August 30**-----, 19**61**-----

The production for the first 24 hours was 403 barrels of fluid of which 99.9% was oil; -----% emulsion; -----% 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. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	720	720	Red Beds, Sandstone, Shale
720	1803	1083	Anhydrite, Salt
1803	3288	1485	Sandstone, Shale, Anhydrite, Dolomite
3288	3336	48	Sandstone, Siltstone, Shale, Dolomite
3336	3375	39	Dolomite, Shale, Sandstone
LOG TOPS:			
Base Red Beds		720'	(+3314')
Yates		1803'	(+2231')
Seven Rivers		2050'	(+1984')
Queen		2596'	(+1438')
Grayburg		2985'	(+1049')
Premier		3288'	(+746')
San Andres		3336'	(+698')

FROM—	TO—	TOTAL FEET	FORMATION
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[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Special Triax-Pederal Well No. 5 was spudded at 2:45 PM, 8-25-61 w/ rotary tools. Drilled 6 3/4" hole to 698'. Cemented 5 1/2" casing at 691' w/ 300 SK. cement. Drilled 4 1/2" hole to 3205'. Cased Premier Sand 3205' - 3345'. Drilled 4 1/2" hole to 3375' (TD). Cemented 2 7/8" casing at 3369' w/ 100 SK. Run GR/N JOG. Perforated 4x8 3291' - 3299' & 3302' - 3305' w/ 1 jet shot per foot. Treated via 2 7/8" casing w/ 15,000 gallons H₂O. Spudded until well kicked off. Recovered 1044.

ON OFF FLOWED 403 BORD, cut 0.15 BEAM, thru 21/64" choke. (Based on 42 BO in 2 1/2 hrs.)
 MFL 190 - 220 PSI. GRAVITY 35.7 DEG. VFL. OFFICIAL completion Date August 30, 1961.

12-14-64
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