



LOCATE WELL CORRECTLY

1044-815  
**RECEIVED** UNITED STATES  
 16 MAR 3 1961 DEPARTMENT OF THE INTERIOR  
 U.S. GEOLOGICAL SURVEY  
**RECEIVED**  
 MAR 6 1961  
 O. C. C. ARTESIA, OFFICE

**LOG OF OIL OR GAS WELL**

Company Shell Oil Company Address Box 845, Roswell, New Mexico  
 Lessor or Tract Vickers Federal Field Henshaw State New Mexico  
 Well No. 1 Sec. 18 T16S R. 31E Meridian NMPM County Eddy  
 Location 1980 ft. <sup>N.</sup> of S Line and 500 ft. <sup>E.</sup> of W Line of Section 18 Elevation 3924'  
(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.  
 Original Signed By R. A. Lowery  
 Signed R. A. Lowery R. A. LOWERY

Date March 1, 1961 Title District Exploitation Engineer

The summary on this page is for the condition of the well at above date.  
 Commenced drilling December 27, 1960 Finished drilling December 31, 1960

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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	
8 5/8"	32#	8rd	Lonestar	498'					Surface String Oil String
5 1/2"	15.5# 17#	8rd	Lonestar	3367'	Guide	2109'			

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	509'	350	Pump & Plug	Cemented to surface	
5 1/2"	337'	250	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 3378 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

March 1, 1961 Put to producing P & A February 17, 1961  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% 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	100	100	Caliche & Surface Bed Red Beds Anhydrite & Salt Dolomite, Sands, Anhydrite
100	1633	1533	
1633	2450	817	
2450	3378	928	
<b>LOG TOPS:</b>			
Base Salt		1294' (+2630')	
Yates		1633' (+2291')	
Queen		2450' (+1474')	
Penrose		2720' (+1204')	
Grayburg		2999' (+925')	
San Andres		3177' (+747')	
Lovington Sand		3275' (+649')	

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
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HISTORY OF OIL OR GAS WELL

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.

Shall Blakers Federal # 1 was spudded @ 6:15 PM, 12-27-60 w/rotary tools. Drilled 11" hole to 512'. Cemented 8 5/8" casing @ 509' w/350 ex. reg. neat cement. Drilled 7 7/8" hole to TD 3378'. Ran GR/N, LT, & MIA surveys. Cemented 5 1/2" casing @ 3378' w/250 ex. Ran 2 1/2" tubing & spotted 300 Gallons Sperthead acid on bottom. Pulled tubing. Checked PWD w/wireline @ 3362'. Perforated 3285', 3277', & 3169' w/8-day frac jet and at 3150' - 3169' w/2-3/8" JSFF. Treated down 5 1/2" casing w/18,200 gallons lease crude containing 1.5% sand & 1/10% Mark II Acemite/gallon in 2 stages using ball sealers between stages. Pulled 2 1/2" tubing. Ran 101 Jts. 2 1/2" tubing w/sweet packer set at 3106' w/12,000#. Did not recover load. Pulled tubing. Rigged up Lee County casing Pullers. Spotted 35 ex. cement plug 3100' - 3362'. Shot casing @ 2100'. Pulled 52 Jts. (2109') of 5 1/2" casing. Spotted cement plugs @ 2020' - 2100' - 2100' - 35 ex., 1600' - 1700' - 35 ex., 450' - 550' - 35 ex., 0 - 30' - 10 ex. Erected 1/4" x 1/4" marker. Well completed plugged and abandoned February 17, 1961.

M. A. DOWNEY  
10-43084-2 U. S. GOVERNMENT PRINTING OFFICE