

## NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE OCC

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Shell Oil Company</b>		Address <b>Box 845 Roswell, New Mexico</b>				
Lease <b>State BUA</b>	Well No. <b>1</b>	Unit Letter <b>N</b>	Section <b>16</b>	Township <b>8 S</b>	Range <b>37 E</b>	
Date Work Performed	Pool <b>Bluitt-Penn.</b>			County <b>Roosevelt</b>		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations    ☐ Casing Test and Cement Job    ☐ Other (Explain):  
☒ Plugging    ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Spotted cement plugs as follows:

60 sacks Incor T.D. - 9,300'  
20 sacks Incor 5,420' - 5,320'  
30 sacks Incor 4,170' - 4,070'  
10 sacks Incor top 8-5/8" casing.

Erected 6'x4" surface marker.

Well P&amp;A August 11, 1960.

Verbally approved August 8, 1960, by N.M.O.C.C via telephone conversation  
between Mr. Joe Ramey and Mr. J. G. Yope.

Witnessed by	Position	Company
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## FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

## ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				

Open Hole Interval	Producing Formation(s)
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## RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by <i>Freshie A. Clement</i>	Name <b>R. L. Elkins</b>
	Position <b>Division Mechanical Engineer</b>
	Company <b>Shell Oil Company</b>

R-37-E

Revised 7/1/60  
(Form C-100)DUPLICATE  
NEW MEXICO OIL CONSERVATION COMMISSION  
HOBBS OFFICE OCC

Santa Fe, New Mexico

1960 AUG 15 AM 7:15

## WELL RECORD


AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company

State BUA

(Company or Operator)

(Lease)

Well No. 1, in SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 16, T. 8S, R. 37E, NMPM.

Hunt - Perm.

Pool, Roosevelt

County.

Well is 660 feet from south line and 1980 feet from west lineof Section 16. If State Land the Oil and Gas Lease No. is R-6973Drilling Commenced June 27, 1960 Drilling was Completed August 9, 1960Name of Drilling Contractor Hondo Drilling CompanyAddress P. O. Box 116, Midland, TexasElevation above sea level at Top of Tubing Head 4032. The information given is to be kept confidential until not confidential, 1960.

## OIL SANDS OR ZONES

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

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	NEW	364'				Surface String
8 5/8"	12#	NEW	4107'	Guides			Salt String

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13 3/8"	378'	300	Pump & Plug	Cemented to surface	
11"	8 5/8"	4118'	800	Pump & Plug	Cemented to surface	

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Cement plugs @ TD - 9300' 60 sz. Incon.  
5420' - 5320' 20 sz. Incon.  
4170' - 4070' 30 sz. Incon.  
Top of 8 5/8" casing 10 sz. Incon.

Erected 6' x 4" surface marker.

Result of Production Stimulation.....

Depth Cleaned Out.....

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 9 feet to 9160 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing P & A August 11, 1960

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy.		T. Devonian.		T. Ojo Alamo.
T. Salt.		T. Silurian.		T. Kirtland-Fruitland.
B. Salt.	2781' (+1260')	T. Montoya.		T. Farmington.
T. Yates.		T. Simpson.		T. Pictured Cliffs.
T. 7 Rivers.		T. McKee.		T. Menefee.
T. Queen.		T. Ellenburger.		T. Point Lookout.
T. Grayburg.		T. Gr. Wash.		T. Mancos.
T. San Andres.	3990' (+51')	T. Granite.		T. Dakota.
T. Glorieta.		T. Base Red Beds 2277' (+1762')		T. Morrison.
T. Drinkard.		T. Yaso 5421' (-1380')		T. Penn.
T. Tubbs.		T. Wolfcamp 8736' (-1695')		
T. Abo.	7595' (-3554')	T. Dough C 9397' (-5356')		
T. Penn.	9332' (-5291')			
T. Miss.				

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2278	2278	Surface Sands, Caliche, Red Beds				
2278	3991	1713	Anhydrite & Salt				
3991	5430	1439	Anhydrite & Dolomite				
5430	8775	3345	Dolomite, Sand, Anhydrite				
8775	9160	685	Limestone & Shale				
DST # 1: 4925' - 5244' (319' San Andres). Tool open 1 hour through 5/8" BC, 4 1/2" DP, 1/4" hose. Opened w/weak blow, increased to fair blow in 1 minute and continued through-out test increasing somewhat after 30 minutes. Recovered 921' (13.1 bbls.) oil & mud out water + 455' (2 bbls.) black SSW. 30 minutes ISIBHP 1917 psi. FBHP 279 - 744 psi. 30 minutes ISIBHP 1688 psi. NMH in & out 2309 psi. <u>Conclusive Test.</u> (Cook)							
DST # 2A: 9100' - 9160' (60' Penn.) Tool plugged. <u>Misrun.</u>							
DST # 2: 9102' - 9150' (58' Penn.). Tool open 1 hour through 5/8" BC, 1" TC, 4 1/2" DP. Opened w/weak blow and died in 18 minutes. Recovered 130' (0.7 bbls.) drilling mud w/no shows. 60 minutes ISIBHP 710 psi. FBHP 75 - 75 psi. 60 minutes ISIBHP 150 psi. NMH 4985 - 4910 psi. Recovery mud titrated 78,000 ppm Cl <sup>-</sup> . Pit mud titrated 86,000 ppm Cl <sup>-</sup> . Maximum BHT 138 deg. F. <u>Conclusive Test.</u> (HOWCO)							
DST # 3A: 4730' - 4825' (95' San Andres). Tool opened w/weakblow. Shut in after 15 minutes for ISIBHP. Reopened tool, packers failed. 60 minutes ISIBHP 1400 psi. NMH 2455 psi. <u>Inconclusive Test.</u> (HOWCO)							

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

August 11, 1960

(Date)

Company or Operator Shell Oil Company

Address Box 345, Roswell, New Mexico

Name R. A. Lowery

Original Signed By R. A. LOWERY

District Exploitation Engineer