

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

## Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICOMidland, Texas  
(Place)2-26-53  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Apex Petroleum Corp. Ltd. (Company or Operator) State Well No. 1 in Q (Unit)  
 10 1/4 SW 1/4 of Sec. 32, T. 20S, R. 39E, NMPM., Sand Hills Pool  
 Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK  
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Hole was deepened from 7650' to 8722'. Formerly drilled by Drilling and Exploration Company.

The hole will be filled with 9.4, 40 vis. mud, and cement plugs will be spotted by pump and plug method thru. drillpipe, 31 ex. at 7360-7210 in open 6 3/4 hole, and 30 ex. in bottom 7 5/8" csg. 4173-4100'. 10 ex. will be spotted at top of surface casing, and regulation marker installed.

This work was done, 2-25-53, verbal permission was granted by Mr. Yarborough on 2-24-53.

The Commission will be notified when the wellsite is ready for inspection.

Approved....., 19.....  
 Except as follows:

Approved  
 OIL CONSERVATION COMMISSION

By: Roy Yarborough

Title:

Apex Petroleum Corp. Ltd.  
(Company or Operator)

By: Jack G. Elam

Position: Agent

Send Communications regarding well to:

Name: Jack G. Elam

Address: 138 Capitol Bldg.  
Midland, Texas

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	<b>X</b>
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico

Jan. 27, 1953

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

**Apex Petroleum Corp., Ltd.**, State **Q** Well No. **1** in **SESW**  
 (Company or Operator) (Unit)  
 1/4 (40-acre Subdivision) 1/4 of Sec. **32**, T. **20**, R. **39**, NMPM, **Sand Hills** Pool  
**Lea** County.

FULL DETAILS OF PROPOSED PLAN OF WORK  
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

This well was formerly operated by Drilling And Exploration Company and is now being operated by the above concern. It is our intention to deepen the above well to approximately 9500 feet to test the McKee Formation. If favorable production tests are obtained we intend to set approximately 9500 feet of 17 $\frac{1}{2}$ "-N-80-5 $\frac{1}{2}$ " O.D. Casing and gun perforate producing zone.

A \$5000 one well bond is being prepared and will be forwarded to the Commission office in Santa Fe, N.M. as soon as the necessary signatures are obtained thereon.

Drilling Contractor will be Gackle Drilling Co., Hobbs, N.M.

Approved....., 19.....  
Except as follows:Approved  
OIL CONSERVATION COMMISSIONBy *Roy Yarkrough*

Title.....

Apex Petroleum Corp., Ltd.

Company or Operator

By *Jack G. Elam*

Jack G. Elam,

Position.....

Representative

Send Communications regarding well to:

Name..... Jack G. Elam

Address..... 138 Capitol Bldg,  
Midland, Texas

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	<b>X</b>	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

January 23, 1953  
(Date)Hobbs, New Mexico  
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Drilling & Exploration Company, Inc.  
(Company or Operator)State "Q"  
(Lease)Gaskle Drilling Co., Inc.  
(Contractor)

Well No. 1 in the SE 1/4 SW 1/4 of Sec. 32

T. 20S, R. 39E, NMPM, Sand Hills Pool, Lea County.

The Dates of this work were as follows: January 13, 1953

Notice of intention to do the work (was) (~~SECRET~~) submitted on Form C-102 on January 13, 1953, 19  
(Cross out incorrect words)and approval of the proposed plan (was) (~~SECRET~~) obtained.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

State "Q" No. 1 was plugged as follows:

Cement plugs were spotted from 7412 to 7346 with 15 sacks cement, from 4225 to 4123 with 24 sacks, from 220 to 150' with 20 sacks and from 50' to the surface with 25 sacks cement. The remainder of the hole was filled with 15# mud.

Witnessed by: C. D. Grant (Name) Drilling & Exploration Co., Inc. (Company) Engineer (Title)

Approved: OIL CONSERVATION COMMISSION

*Roy Yarbrough*  
(Name)  
(Title)  
(Date)

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

Name: *E. C. Gaskle*  
Position: Division Production Superintendent  
Representing: Drilling & Exploration Co., Inc.  
Address: 800 San Jacinto Bldg. Houston, Texas

N.


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Drilling & Exploration Company, Inc. State "Q"  
(Company or Operator) (Lease)

Well No. 1, in SE 1/4 of SW 1/4, of Sec 32, T. 20S, R. 39E, NMPM.  
Sand Hills Pool, Lea County.

Well is 660 feet from South line and 1980 feet from West line  
of Section 32. If State Land the Oil and Gas Lease No. is B-9517

Deepening  
Drilling Commenced December 9, 1952 Deepening  
Drilling was Completed January 12, 1953

Name of Drilling Contractor Gackle Drilling Co., Inc.  
Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3545. The information given is to be kept confidential until  
Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 4292 to 4298 No. 4, from to  
No. 2, from 4303 to 4310 No. 5, from to  
No. 3, from 4314 to 4316 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 4338 to 4352 feet. 1200' sulphur water  
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	167	Texas			Surface
7 5/8	26#	New	4173	Float-Guide			Orig. Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	168	175	Pump & Plug	water	
9 7/8	7 5/8	4173	1500	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Plugged back from 4359 to 4330 and acidized with 1,000 gallons on 3-30-52.  
Produced from San Andres from 4-15-52 until December, 1952 when production declined to approximately 1 bbl. per day.

Result of Production Stimulation

Depth Cleaned Out

REPORT 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 0 feet to 4359 feet, and from 4359 feet to 7650 feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to Producing, 19

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. 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.	1605		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt	2760		T. Montova		T. Farmington
T. Yates	2910		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	4335		T. Granite		T. Dakota
T. Glorieta	5640		T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs	6680		T.		T.
T. Abo	7215		T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Caliche and sand				
125	1605	1480	Red Beds				
1605	1720	115	Anhydrite				
1720	2760	1040	Salt				
2760	2915	155	Anhydrite				
2915	3000	85	Sand & Anhydrite				
3000	3890	890	Anhydrite, Sand, Dolomite & Red Shale				
3890	4100	210	Dolomite & Anhydrite				
4100	4359	259	Dolomite with broken layers sand				
4359	5640	1281	Dolomite with thin sand streaks				
5640	5880	240	Lime & Dolomite				
5880	6110	230	Sand, Lime & Dolomite				
6110	7650	1540	Lime & Dolomite				
	7650		Total Depth.				
DST #1 from 6838 to 6863 (Lower Tubbs). Tool open 1 hour. Shut in BHP 0#. Flowing BHP 0#. Hydrostatic pressure 3500#. Recovered 10' drilling mud.							
DST #2 from 7487 to 7650 (Wichita). Tool open 2 hours. Fair blow 1 hour. Flowing BHP 0#. Shut in BHP 1550#. Hydrostatic pressure 3950#. Recovered 155' very slightly gas cut drilling mud.							

ATTACH SEPAFATE 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.

January 13, 1953

Company or Operator. Drilling & Exploration Co., Inc. Address. 800 San Jacinto Bldg. Houston, Texas

Name. D. C. Webb Position or Title. Division Production Superintendent