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U.S.G.S.

LAND OFFICE

OPERATOR

Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

NM 647

7. Unit Agreement Name

8. Farm or Lease Name

State 647

9. Well No.

204

10. Field and Pool, or Wildcat

Artesia

12. County

Eddy

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEFEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

2. Name of Operator

International - Yates

3. Address of Operator

P. O. Box 427, Artesia, New Mexico

4. Location of Well

UNIT LETTER b LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROMTHE East LINE OF SEC. 33 TWP. 18 S. RGE. 28 E. NMPM

15. Date Spudded

5-4-65

16. Date T.D. Reached

5-15-65

17. Date Compl. (Ready to Prod.)

5-20-65

18. Elevations (DF, RKB, RT, GR, etc.)

3540' GL, 3549' KB

19. Elev. Casinghead

3540'

20. Total Depth

2795'

21. Plug Back T.D.

2792'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-2795

24. Producing Interval(s), of this completion - Top, Bottom, Name

San Andres 2662' to 2775'

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Gamma Ray, Guard, Acoustic, Fracture Finder

27. Was Well Cored

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
7" OD	20	480'	8 5/8"	100 sks. Incor	None
4 1/2" OD	11.5	2792'	6 1/4"	100 sks. Incor	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8" OD	2730'	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

One jet shot each at: 2662', 2677', 2690', 2697', 2733', 2739', 2750', 2775'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2662'-2775'	250 gal. 15% HCL
2662'-2775'	20,000# 20-40 sand in 985 bbls. lease crude

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
5-21-65	Pump 1 1/2" Insert	Producing
Date of Test	Hours Tested	Choke Size
6-16-65	24	-
Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
Not Measured	41	Not Measured
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
----	----	41
Oil - Bbl.	Gas - MCF	Water - Bbl.
Measured	Not Measured	56
Oil Gravity - API (Corr.)		
		34°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Awaiting connection to Phillips Petroleum Company

Test Witnessed By

Joe A. Lee

35. List of Attachments

Gamma Ray, Guard, Acoustic, Fracture Finder Logs; Core Analysis

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Paul E. Brown

TITLE

District Engineer

DATE

6-17-65

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northeastern New Mexico

Southeastern New Mexico

T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Madison
T. Queen	T. Silurian	T. Elbert
T. Grayburg	T. Montoya	T. McCracken
T. San Andres	T. Simpson	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Granite
T. Paddock	T. Ellenburger	T. Dakota
T. Blinberry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Todilto
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T. Permian	T. Chinle
T. Penn.	T. Permian	T. Penn. "A"
T. Cisco (Bough C)	T. Penn. "A"	T. Penn. "A"

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	124	124	Surface				
124	480	356	Red Bed				
480	1015	535	Anhydrite & Salt				
1015	1580	575	Anhydrite				
1580	1752	272	Anhydrite & Shale				
1752	2100	348	Anhydrite				
2100	2152	52	Anhydrite & Dolomite				
2152	2340	188	Anhydrite & Lime				
2340	2380	40	Lime				
2380	2488	108	Anhydrite & Lime				
2488	2570	92	Dolomite				
2570	2606	36	Lime				
2606	2676	70	Dolomite & Sand				
2676	2710	34	Core No. 1				
2710	2770	60	Core No. 2				
2770	2795	25	Lime				