

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	2
LAND OFFICE	1
OPERATOR	1

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

TYPE OF WELL OilOIL WELL ☐GAS WELL ☐DRY ☒OTHER P&A

TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REVS. ☐OTHER ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South 4th St., Artesia, NM 88210

Location of Well

LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

West

LINE OF REC. 14 TWP. 19SRGE. 27E

Date Spudded

2-18-81

15. Date T.D. Reached

3-28-81

17. Date Compl. (Ready to Prod.)

P&A - Dry

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

3456' GR

19. Elev. Casinghead

Total Depth

10670'

21. Plug Back T.D.

22. If Multiple Compl., How Many

23. Interval Drilled By

Rotary Tools

Cable Tools

0-10670'

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

25. Was Directional Survey Made

No

Type Electric and Other Logs Run

27. Was Well Cored

No

CASING RECORD (Report oil strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	358'	17-1/2"	400	
9-5/8"	32.32#	2000'	12-1/4"	750	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

Perforation Record (Interval, size and number)

30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
AMOUNT AND KIND MATERIAL USED

PRODUCTION

First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Days of Test	Hours Tested	Choke Size	Pressure at Test Period	Oil - bbl.	Gas - MCF	Water - bbl.	Gas - Oil Ratio
Flowing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - bbl.	Gas - MCF	Water - bbl.	Oil Gravity - API (Corr.)	
Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

List of Attachments

Deviation Survey, DST's

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 De Ann

TITLE

Engineering Secretary

DATE 8-13-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radioactivity log print 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 depth shall also be reported. For multiple completions, Items 73 through 74 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1135.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Lwr Canyon	8452	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	9092	T. Kirtland Sandstone	T. Penn. "C"
D. Salt	T. Atoka	9741	T. Pictured Cliffs	T. Penn. "D"
T. Yates ?	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Monaca	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Grite
T. Glorieta	T. McKee		Dave Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	
T. Blinberry	T. Gr. Wash		T. Menefee	
T. Tubb	T. Granite		T. Pochito	
T. Drinkard	T. Delaware Sand		T. Entrench	
T. Abo	T. Bone Springs LS	3116	T. Wagon	
T. Wolfcamp	T. 3rd Bone Sd	7669	T. Chalk	
T. Penn.	T. Morrow Cl	10230	T. Penn. "A"	
T. Cisco (Hough C)	T. L. Morrow Mkr.	10364	T. Penn. "A"	
	Austin	10555		

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.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	400	400	Surface, Redbeds, Anhydrite				
400	1100	700	Anhydrite & Dolomite				
1100	1500	400	Dolo, Sand, Anhy, Shale				
1500	1900	400	Dolomite, Sand				
1900	2952	1052	Dolomite				
2952	3240	288	Dolomite, Lime				
3240	6330	3090	Lime				
6330	6592	262	Lime, Sand, Shale				
6592	6730	138	Sand, Lime & Shale				
6730	6900	170	Lime				
6900	7400	500	Sand, Lime, Shale				
7400	7830	430	Lime, Shale				
7830	8070	240	Sand, Lime, Shale				
8070	8510	440	Lime & Shale				
8510	8950	440	Dolomite				
8950	10670	1720	Lime, Dolo, Shale & Sand				

DRILL STEM TESTS

Yates Petroleum Corporation
Williams Hollow "PN" State #1 - State 648
1980 FSL & 1980 FWL, Sec. 14-T19S-R27E
Eddy County, New Mexico

AUG 14 1981
C. C. D.
ARDALL CUNEE

DST #1: 9826-9986': TO 15"; SI 60"; TO 60"; SI 120". Tool opened w/weak blow. No GTS. Reopened tool w/weak blow. No GTS. Recovery: 1100' drilling mud. Sampler: 1800 cc mud at 284 psi. Pressures: HP 5071-5046; IFP 431-406; ISIP 1201; FFP 412-431; FSIP 700.

DST #2: 8634-8810': Misrun.

DST #3: 8634-8810': TO 30"; SI 90"; TO 60"; SI 120". Tool opened w/weak blow, no GTS. Reopened tool w/weak blow, no GTS. Recovery: 4500' sulphur water. Sampler: 2000 cc sulphur water, 10 psig. Pressures: HP 4418-4395, IFP 783-1010; ISIP 3317; FFP 2666-3302; FSIP 3320.

DST #4: 8420-8610': Misrun.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR YATES PETROLEUM CORPORATION ADDRESS 207 South 4th, Artesia, New Mexico 88210FIELD Williams LEASE WILLIAMS HOLLOW "PN" WELL NO. 1LOCATION Section 14-19-27 of Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
358	3/4	4,823	3-1/4	6,037	3	10,261	3-1/2
692	1/4	4,853	3-3/4	6,130	3-1/2	10,670	3-1/2
1,189	3/4	4,885	3-3/4	6,225	3-1/4		
1,464	1-3/4	4,915	3-1/4	6,392	3		
1,939	2-1/4	4,977	3-1/2	6,476	3		
2,000	2-1/4	5,040	3-1/4	6,569	2-3/4		
2,166	1-1/2	5,102	3-1/4	6,692	2-3/4		
2,667	3/4	5,196	3-1/4	6,817	2-3/4		
3,141	1-1/4	5,258	3-1/4	7,502	2		
3,540	3/4	5,322	3-3/4	7,816	1-3/4		
3,698	1/2	5,384	3-1/2	7,921	1-1/4		
3,855	1	5,447	3-1/2	8,407	1-1/4		
4,041	3/4	5,509	3-1/2	8,907	1		
4,230	1	5,572	3-1/2	8,984	2		
4,386	1-1/2	5,695	3	9,194	2		
4,698	2-1/4	5,819	3-1/2	9,693	1-3/4		
4,748	2-1/2	5,881	3-3/4	10,100	2-3/4		

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Signature

THE ARD DRILLING COMPANY, INC.

Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Signature

Drilling Superintendent

Title

Sworn and Subscribed to before me, this the 15th day of April, 19 81

Jan G. Brewer
Notary Public in and for Midland County,
Texas. Jan G. Brewer

My Commission Expires:

09-10-84