

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

TYPE OF WELL

OIL WELL ☐GAS WELL ☒LIFT ☐

OTHER

RECEIVED

TYPE OF COMPLETION

WELL ☒ WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REVEN. ☐

OTHER

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South 4th St., Artesia, NM 88210

Location of Well

LETTER C LOCATED 660 FEET FROM THE North LINE AC 1980 FEET FROM

West LINE OF SEC. 20 TWP. 19S RGE. 24E NMPM

Eddy

Date Spudded 1-31-81	16. Date T.D. Reached 3-9-81	17. Date Compl. (Ready to Prod.) 8-9-81	18. Elevation (Top, R&B, RT, GR, etc.) 3764' GR	19. Elev. Casinghead
-------------------------	---------------------------------	--	--	----------------------

Total Depth 8690'	21. Plug Back T.D. 8657'	22. If Multiple Completions, How Many	23. Intervals Drilled By 0-8690'	24. Rotary Tools	Cable Tools
----------------------	-----------------------------	---------------------------------------	-------------------------------------	------------------	-------------

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

8064-69' Atoka

No

Type Electric and Other Logs Run

CNL/FDC; DLL

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT BBL.
13-3/8"	54.5#	316'	17-1/2"	400	
8-5/8"	24#	928'	12-1/4"	1350	
4-1/2"	10.5 & 11.6#	8690'	7-7/8"	835	

LINER RECORD

SIZE	DEPTH SET	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	8022'	8022'

Perforation Record (Interval, size and number)

8064-69' w/10 .40" holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8064-69'	Acidized w/2500 g. 7 1/2% MS acid N2, ball sealers. Frac'd w/1000 gal 15% NE acid, 20000 g. gel wtr 121 bbl CO2, w/24000# sd.

PRODUCTION

First Production 8-9-81	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) SIWOPLC	
Date Test 8-9-81	Hours Tested 12	Choke Size 1/4"	Prod'n. For Test Period	Oil - bbl. -	Gas - MCF 108	Water - bbl. -	Gas - Oil Ratio -
Tubing Pream. 148#	Casing Pressure Packer	Calculated 24-Hour Rate	Oil - bbl. -	Gas - MCF 215	Water - bbl. -	Oil Gravity - API (Corr.) -	

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

Vented - will be sold

Test Witnessed By

Harvey Apple

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 [Signature]

TITLE Engineering Secretary

DATE 8-12-81

INSTRUCTIONS

Table form in to be filed with the appropriate District Office of the Division not later than 26 days after the completion of any newly-drilled or recompleted 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 depth shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Perm. "CB"
T. Salt	T. Strawn	T. Kirtland	T. Perm. "CH"
T. Salt	T. Atoka	T. Pictured Cliffs	T. Perm. "CD"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lockett	T. Elliot
T. Grayburg	T. Montoya	T. Mancos	T. McQueen
T. San Andres	T. Simpson	T. Gallup	T. Lincoln Shale
T. Glorieta	T. McKee	T. Dine Grotto	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Monterey	T.
T. Tubb	T. Granite	T. Teulada	T.
T. Drinkard	T. Delaware Sand	T. Uncomp	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Morrow Cl	T. Chinle	T.
T. Penn	T. Chester	T. Permian	T.
T. Cisco (Bough C)	T.	T. Perm. "AA"	T.

OIL OR GAS SANDS OF 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.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1000	1000	Surface, Anhydrite, Dolo				
1000	1278	278	Dolo, Chert, Anhydrite				
1278	2270	992	Lime & Sand				
2270	3814	1544	Lime				
3814	4366	552	Dolomite, Shale				
4366	4504	138	Dolomite, Lime				
4504	4592	88	Dolomite, Lime, Shale				
4592	5220	628	Dolomite & Lime				
5220	5770	550	Lime				
5770	8538	2768	Lime & Shale				
8538	8690	152	Shale				

NEW MEXICO OIL CONSERVATION
WELL LOCATION AND ACREAGE DATA

RECEIVED

AUG 12 1981

Form O-100
Supersedes G-120
Effective 1-1-75

All distances must be from the center of the well.

Operator Yates Petroleum Corporation		Hogback PO State Com		1
Well Letter C	Section 20	Township 19S	Range 24E	Eddy
Actual Footage Location of Well: 660 feet from the North line of 1980 West				
Ground Level Elev. 3764	Producing Formation Atoka		Wildcat Atoka 320	

1. Outline the acreage dedicated to the subject well by colored lines on the plat below.
2. If more than one lease is dedicated to the well, outline each lease separately, the tract both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, state if all owners have been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating need for consolidation has been approved by the Commission.

1980'	660'	YPC et al LG-3998 State
Pennsoil L-5154 State		Exxon NM 30620

DECLARATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Juanita Goodlett

Juanita Goodlett

Engineering Secretary

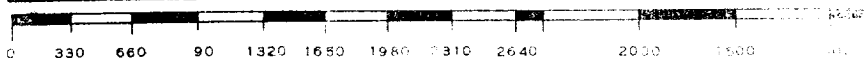
Yates Petroleum Corporation

8-12-81

I hereby certify that the well location shown on the plat was plotted from field notes, and that the same is true and correct to the best of my knowledge and belief.

REFER TO ORIGINAL PLAT

dated 1-24-81



WELL NAME AND NUMBER Hogback PO St. Com #1 /LOCATION Section 20, T19S, R24E, Eddy County, N.M.
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

AUG 13 1981

OPERATOR Yates Petroleum CorporationDRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth		Degrees and Depth		Degrees and Depth		Degrees and Depth	
3/4	316	1 1/4	5603				
1	590	2	6010				
1 1/4	1080	2 1/4	6547				
1	1278	2	6870				
1	1790	2	7250				
3/4	2321	1 3/4	7798				
1	2826	1 1/2	8328				
3/4	3320	1 3/4	8533				
3/4	3804	1 3/4	8690				
2 1/2	4260						
3/4	4738						
1/2	5100						

Drilling Contractor MORANCOBy Jerry Gilbert - Vice President EngineeringSubscribed and sworn to before me this 30th day of March 19 81

My Commission expires:

11-5-84
Brenda Williams
 Notary Public
 Lea County, New Mexico

DRILL STEM TESTS

Yates Petroleum Corporation
Hogback PO State Com #1 - LG-3998
660 FNL & 1980 FWL, Sec. 20-19S-24E
Eddy County, New Mexico

DST #1 - 6855-7045': Misrun

DST #2 - 6858-7045': TO 30"; SI 90"; TO 90"; SI 180". Tool opened w/good blow. GTS in 14 minutes. Reopened tool w/good blow. GTS in 14 minutes. Reopened tool w/good blow. Recovery: 928' drilling mud. Sampler: 250 psi, 350 cc drilling mud & .585 cfg. BHT: 162 degrees F. Pressures: HP 3112-3112; IFP 158-189; ISIP 2655; FFP 268-268; FSIP 2371.