

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING

OFFICE FOR NUMBER

OF COPIES REQUIRED

88210 (See other instructions on reverse side)

BLM Roswell District

Modified Form No.

MD60-369-3

5. LEASE DESIGNATION AND SERIAL NO.

NM 14118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

11-27 AM '90

7. UNIT AGREEMENT NAME

APRIL

8. FARM OR LEASE NAME

Allison CQ Federal

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

North Dagger Draw Upper Peni

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Unit H, Sec. 13-19S-24E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☒

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3a. Area Code & Phone No.

505/748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FNL, 660' FEL, Sec. 13-T19S-R24E

At top prod. interval reported below

At total depth Same

9a. API Well No.

30-015-26195

14. PERMIT NO.

ARTESIA OFFICE

15. DATE SPUDDED

1-31-90

16. DATE T.D. REACHED

3-15-90

17. DATE COMPL. (Ready to prod.)

5-1-90

18. ELEVATIONS (OF, RKR, RT, GR, ETC.)\*

3616' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9190'

21. PLUG. BACK T.D., MD & TVD

9142'

22. IF MULTIPLE COMPL. HOW MANY\*

23. INTERVALS DRAILED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

7706-7737' Canyon

ACCEPTED FOR RECORD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT FILLED
20"		40'	26"	Redi-Mix
9-5/8"	36#	1210'	14-3/4"	1585 sx
7"	26 & 23#	9190'	8-3/4"	2100 sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7611'	7612'

31. PERFORATION RECORD (Interval, size and number)

7706-7737' w/62 - .41" Holes (2 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7706-7737'	w/7000g. 20% NEFE acid + block.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-22-90		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-1-90	24	Open	→	-0-	448	174	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
80	Pkr	→	-0-	448	174	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold - connected to Yates Gas Gathering System 4-22-90

TEST WITNESSED BY

Norbert McCaw

35. LIST OF ATTACHMENTS

Deviation Survey, DST's, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Johnita D. Duddy*

TITLE Production Supervisor

DATE 5-17-90

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

RECEIVED  
MAY 18 11 27 AM '90  
CARBONATE ROCK  
AREA NEW ORLEANS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Glorieta	1858	
				Yeso	1934	
				Abo	4049	
				Wolfcamp	5334	
				Canyon	7550	
				Strawn	8147	
				Atoka	8582	
				Morrow Clastics	8872	
				Chester	9099	

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

RECEIVED

MAY 18 11 27 AM '90

CARL...  
AREA...  
...ERS

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

### DRILL STEM TESTS

Allison CQ Federal #10, NM-14118  
1980' FNL & 660' FEL, Sec. 13-T19S-R24E  
Eddy County, NM

DST #1 4286-4338' (52') Abo: TIMES - 30-60-60-180-90. RECOVERY: 120' drilling fluid (Cl 64,000). SAMPLER: .12 cfg, 2000 cc mud and 70 psi. Recovered water CL 68000 ppm and pit mud Cl 66000 ppm. PRESSURES: Depth: 4333'. IHP 2029, IFP 35-45, ISIP 1450, 2nd FP 54-64, FSIP 1525, FFP 64-83, FHP 2038.

DST #2 6026-6103' Wolfcamp: TIMES - 30-60-60-180-30-87. RECOVERY: 350' rat hole mud (Rw .15 @ 64°, Cl 76000) SAMPLER: 1.02 cfg and 120 psi. PRESSURES: IHP 2926, IFP 125-133, ISIP 1036, 2nd FP 107-165, 2nd SIP 2208, FFP 158-232, FSIP 2195, FHP 2920.

DST #3 4445-4544' (99') - misrun. Johnson tester tools malfunctioned.

DST #4 4456-4551' (95') - misrun. Johnson tester tools malfunctioned.

DST #5 4447-4542': TIMES - 30-60-60-120-120. RECOVERY: 130' drilling fluid and 2905' sulphur water. SAMPLER - 2600 cc water at 100 psi. PRESSURES: IHP 2258, IFP 51-547, ISIP 1750, 2nd FP 585-950, 2nd SI 1750, 3rd FP 950-963.

DST #6 8837-8895' (58') Morrow Clastic: TIMES - 30-60-60-180. RECOVERY: 528 (2.58 bbls) drilling mud. SAMPLER - 1.60 cfg at 230 psi. PRESSURES: Depth: 8890'. IHP 4549, IFP 98-124, ISIP 540, FFP 136-224, FSIP 1485, FHP 4549.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

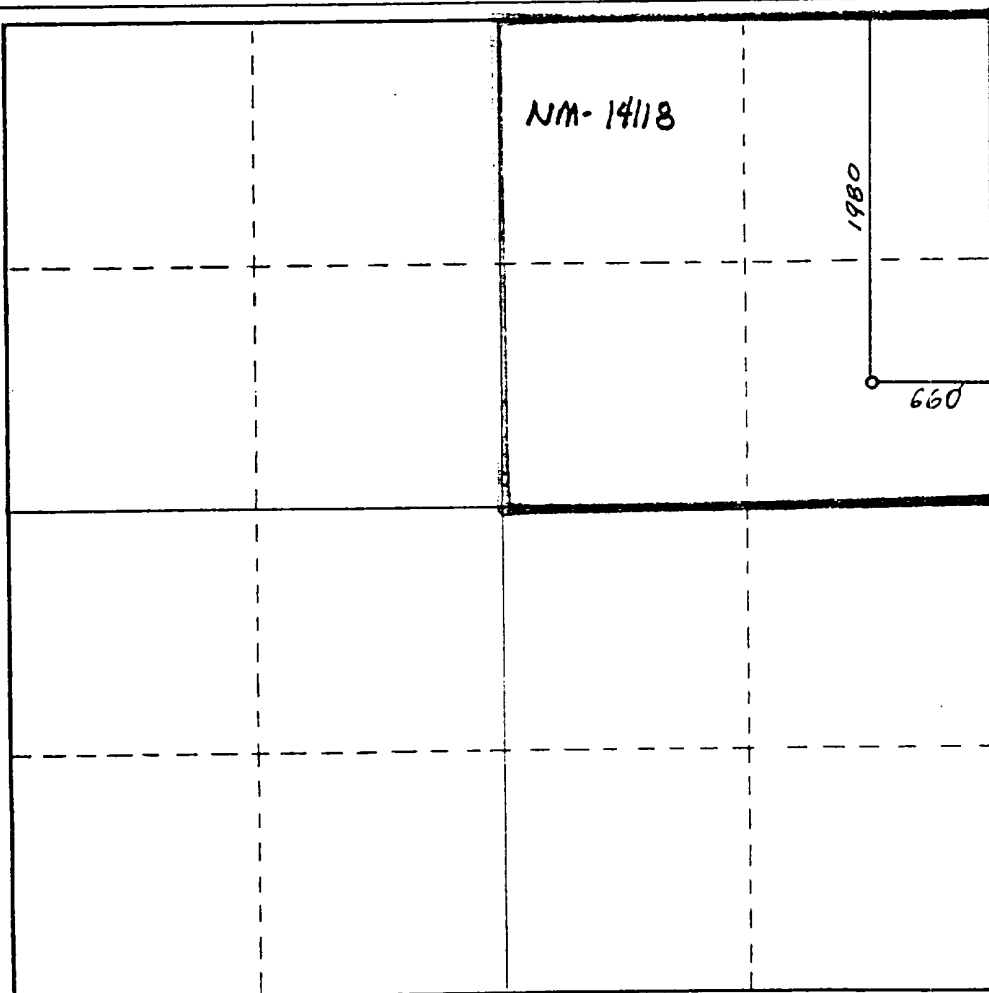
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Allison CQ Federal</b>		Well No. <b>10</b>
Unit Letter <b>H</b>	Section <b>13</b>	Township <b>19 South</b>	Range <b>24 East</b>	County <b>Eddy County, N.M.</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3616.</b>	Producing Formation <b>CANYON</b>		Pool <b>N. Dagger Draw Upper Penn</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

If answer is "no," list the owners and tract descriptions which have actually 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 such interests, has been approved by the Commission.



**CERTIFICATION**

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

*Ken Beardemuhl*

Name  
**KEN BEARDEMUHL**

Position  
**LANDMAN**

Company  
**Yates Pet. Corp.**

Date  
**9-12-89**

Date Surveyed  
**September 6, 1989**

Registered Professional Engineer  
and/or Land Surveyor

*Dan R. Reddy*

Certificate No.  
**NM PE&LS NO. 5412**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

WELL Allison "CQ" Fed #10

LOCATION Sec. 13-19S-24E Eddy County, NM  
(Give Unit, Section, Township, And Range)

OPERATOR Yates Petroleum Corp. 105 S. 4th Street Artesia, NM 88210 Attn: Juanita Goodlett

DRILLING CONTRACTOR Exeter Drilling Company

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 @ Depth

1 1/2° 162'

3/4° 436'

2° 695'

2° 845'

1 1/2° 1,210'

1 1/2° 1,543'

1° 1,797'

1° 2,265'

3/4° 2,765'

1° 3,263'

1° 3,729'

1 1/4° 4,107'

1 1/4° 4,338'

1/2° 4,569'

1 1/2° 4,816'

3/4° 5,069'

Degrees @ Depth

1 1/4° 5,275'

1/2° 5,470'

1 1/2° 5,848'

1 1/2° 6,061'

1 1/4° 6,265'

3/4° 6,673'

1° 7,050'

1 3/4° 7,531'

1 3/4° 7,840'

1 3/4° 8,388'

1 3/4° 8,895'

3 1/2° 9,190'

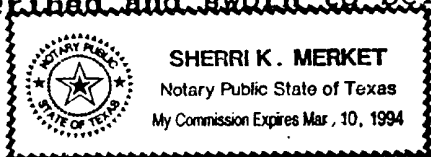
Degrees @ Depth

Drilling Contractor Exeter Drilling Company

By

Bruce D. Houtchens, Vice President-Southern Division

Subscribed and sworn to before me this 26th day of March, 1990



Sherri K. Merket  
Notary Public Sherri K. Merket

My Commission Expires: 3-10-94 Midland County Texas