

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM-14118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allison "CQ" Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT
Boyd Morrow11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 13-19S-24E
Unit C NMPM12. COUNTY OR
PARISH
Eddy13. STATE
NM

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

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

Other

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street-Artesia, NM 88210

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

At surface

660' FNL & 1980' FWL of Sec. 13-19S-24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-25-80

16. DATE T.D. REACHED

2-28-80

17. DATE COMPL. (Ready to prod.)

6-19-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3613' Gr

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9320'

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

9290'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
CABLED BY

ROTARY TOOLS

CABLE TOOLS

0-9320'

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

8804-8960' Morrow

JUL 10 1980

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC, D11

O. C. D.

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	363'	17 1/2"	360 sacks	
8-5/8"	24#	912'	12 1/4"	700 sacks	
5 1/2"	17 & 15.5#	9320'	7-7/8"	745 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8775'	8775'

31. PERFORATION RECORD (Interval, size and number)

8950-8960' W/40 .50" holes

8804-8904' W/14 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8905-8960'	2500g 7 1/2% acid & N2. SF w/
	1600g trtd fluid, 8000# CO2
	& 50000# sand.
8804-8904'	2500g 7 1/2% acid & N2, SF w/

33.* PRODUCTION 1600g gelled 3% acid & 8000# CO2 & 19000# sd.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6-19-80		Flowing					SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-19-80	6	1/2"	→		104			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
90#	Pkr	→		625				

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

Vented will be sold

TEST WITNESSED BY
Joe Braswell

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Geol. Secty.

DATE

7-8-80

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAN. DEPTH	TRUE VERT. DEPTH
				San Andres	420'	
				Glorieta	1800'	
				Yeso	1864'	
				Abo	3904'	
				Wolfcamp Ls	5190'	
				Cisco	6410'	
				Lwr. Canyon Ls	7475'	
				Strawn	8154'	
				Atoka	8516'	
				Morrow Clast.	8802'	
				Austin	8895'	
				Chester	9055'	
				Miss.	9188'	

WELL NAME AND NUMBE.. Allison CQ Federal #5

LOCATION Section 13, T19S, R24E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Yates Petroleum Corp.

DRILLING 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:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>0</u> <u>135</u>	<u>1/2</u> <u>3156</u>	<u>1 1/4</u> <u>5626</u>	
<u>1/2</u> <u>360</u>	<u>3/4</u> <u>3460</u>	<u>1 1/2</u> <u>5898</u>	
<u>1/4</u> <u>557</u>	<u>1</u> <u>3833</u>	<u>1</u> <u>6205</u>	
<u>1/4</u> <u>720</u>	<u>1/2</u> <u>4222</u>	<u>3/4</u> <u>6506</u>	
<u>1/4</u> <u>1118</u>	<u>1 3/4</u> <u>4374</u>	<u>3/4</u> <u>6803</u>	
<u>1/2</u> <u>1300</u>	<u>2</u> <u>4456</u>	<u>3/4</u> <u>7328</u>	
<u>1/2</u> <u>1515</u>	<u>2</u> <u>4547</u>	<u>3/4</u> <u>7456</u>	
<u>1/2</u> <u>1758</u>	<u>2</u> <u>4679</u>	<u>3/4</u> <u>7955</u>	
<u>1/2</u> <u>2000</u>	<u>2</u> <u>4833</u>	<u>3/4</u> <u>8360</u>	
<u>1/2</u> <u>2306</u>	<u>1 3/4</u> <u>4974</u>	<u>3/4</u> <u>8887</u>	
<u>1/2</u> <u>2519</u>	<u>1 3/4</u> <u>5288</u>	<u>3/4</u> <u>9154</u>	
<u>1/2</u> <u>2855</u>	<u>1 3/4</u> <u>5430</u>	<u>1 3/4</u> <u>9320</u>	

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 24th day of March 1980

