

District Office
Artesia, NMUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

O. C. D.

ARTESIA, OFFICE

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 8673

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

7. UNIT AGREEMENT NAME

Benson Deep Unit

8. FARM OR LEASE NAME

Benson Deep Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Strawn

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

Unit F, Sec. 3-T19S-R30E

12. COUNTY OR PARISH

Eddy

13. 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. REVR. ☐

Other

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th St., Artesia, NM 88210

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

At surface 1980 FNL & 1980 FWL, Sec. 3-T19S-R30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-31-84

16. DATE T.D. REACHED

5-9-84

17. DATE COMPL. (Ready to prod.)

9-22-84

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

3414' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12116'

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

11625'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-12116'

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

10829-39' Strawn

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; 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	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	350'	17-1/2"	500 SX	
9-5/8"	36#	1900'	12-1/4"	750 SX	
4-1/2"	11.6#	12116'	8-3/4"	1640 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	10777'	10777'

31. PERFORATION RECORD (Interval, size and number)

10829-39' w/20 .40" Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10829-39'	w/3000 g. 15% acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-22-84		Flowing					SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	GIL—BBL.	WATER—BBL.		GAS-OIL RATIO	
9-22-84	6	3/16"	26	1296	-		11285/1	
FLOW. THROUGH PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GIL—BBL.	GAS—MCF.	WATER—BBL.		OIL GRAVITY-API (CORR.)	
475	PKR	105	1100	91984	-		46+	

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

Vented - Will be sold

TEST WITNESSED BY

Harvey Apple

35. LIST OF ATTACHMENTS

Deviation Survey, DST

NEW MEXICO

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

SIGNED

TITLE Production Supervisor

DATE 10-3-84

*(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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
				San Andres	3576
				Delaware	4600
			3rd	Bone Springs Sd	9152
				Wolfcamp	9654
				Strawn	10710
				Atoka	11022
				Morrow Clastics	11592
				Lwr Morrow	11814

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

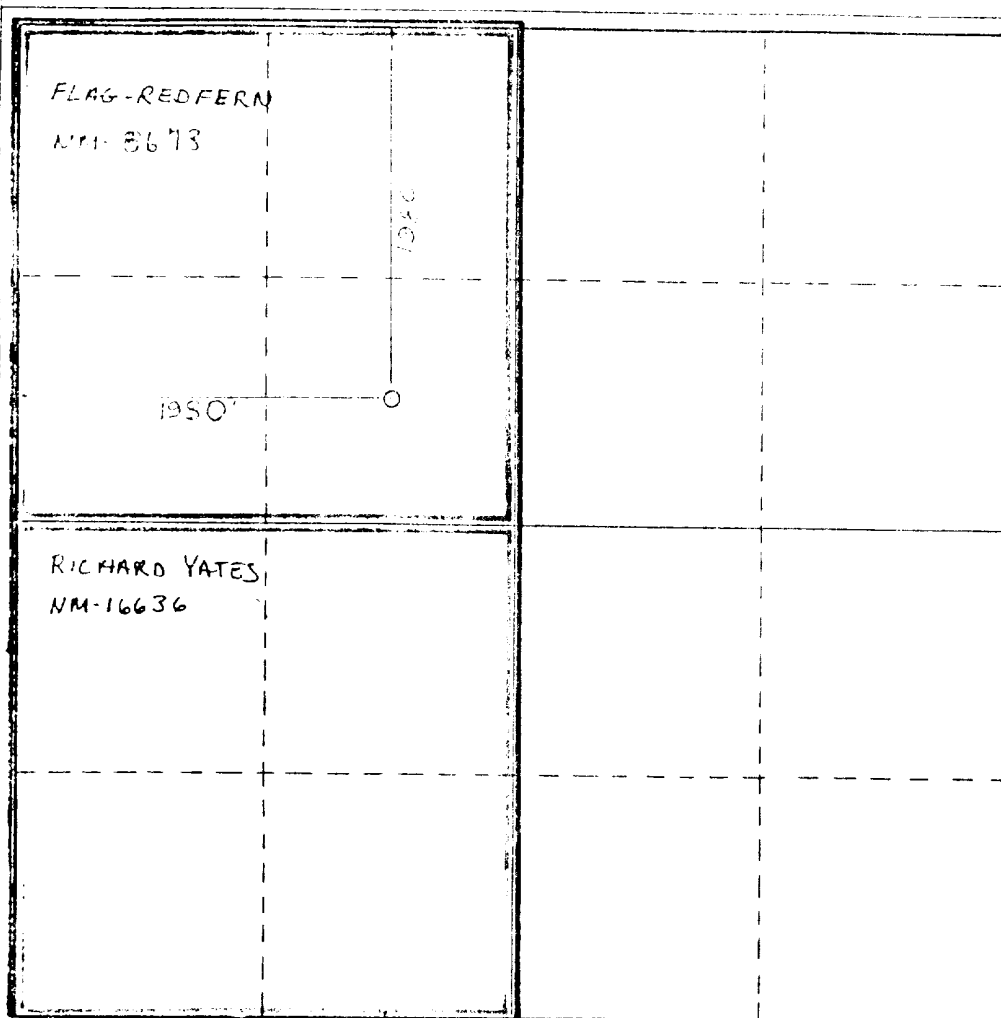
YATES PETROLEUM CORPORATION			Lease Benson Deep Unit		Well No. 4
Tract Letter F	Section 3	Township 19 South	Range 30 East	County Eddy	
Actual Footage Location of Well:					
1980 feet from the North		Line and 1980 feet from the West		In	
and Level Elev. 3414	Producing Formation Strawn	Pool Undes. Strawn		Estimated Acreage 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 UNITIZED

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

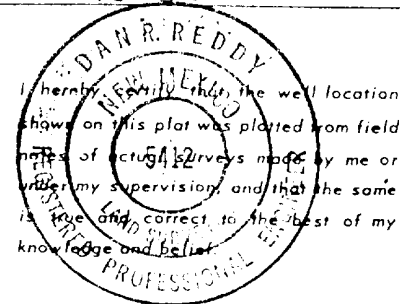
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Gliserio Rodriguez
 Name
 GLISERIO RODRIGUEZ

Position
 REG. AGT.

Company
 YATES PET. CORP.

Date
 12-13-83



Date Surveyed

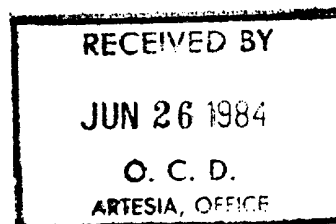
Dec. 6, 1983

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
 Certificate No.

NMPE&LS #5412

YATES PETROLEUM CORPORATION ✓



DRILL STEM TESTS

Benson Deep Unit #4 - NM-8673
1980 FNL & 1980 FWL, Sec. 3-T19S-R30E
Eddy County, New Mexico

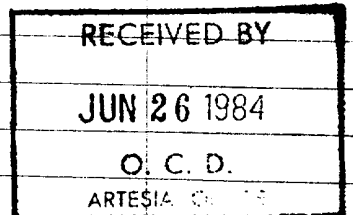
DST #1 10788-10862' (74'): TO 30"; SI 60"; TO 90"; SI 180".
Tool opened with weak blow. Increased to strong blow in 2 minutes.
In 5 minutes had 3#; 10 minutes had 6#; 15 minutes had 8#, 20
minutes had 10#; 25 minutes had 14#; 30 minutes had 16#. Had GTS
in 38 minutes. Reopened tool on 1/4" choke with 12#. In 10 minutes
had 15#; 20 minutes had 20#; 30 minutes had 24#; 40 minutes had 27#;
50 minutes had 30#; 60 minutes had 32#; 70 minutes had 35#; 80 minutes
had 37#; 90 minutes had 39#. Recovery: 575' of fluid (120' of gas
cut distillate and 455' gas cut water). Sampler: 200 psi, .667 cfg,
1600 cc fluid (1000 cc oil and 600 cc water). API gravity of oil was
45.5 at 76 degrees F. Pressures: IHP 5412/5414; IFP 92/114; FFP
138/182; ISIP 5189-5148; IFP2 92/136; FFP2 229/250; ESIP 5234-5236;
FHP 5412-5414. BHT 160°.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th Street, Artesia, NM 88210
 FIELD _____ LEASE Benson Deep Unit WELL NO. 4
 LOCATION Sec. 3-19-30, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
1 211	3/4	5385	1-1/4	9189	1		
2 500	1/4	5605	1-1/2	9466	1		
3 1317	1/2	5856	3/4	9781	3/4		
4 1798	1	6140	1-1/4	10,057	1/2		
5 2250	1-1/4	6452	1-3/4	10,370	3/4		
6 2466	2-1/4	6861	2-3/4	10,682	1		
7 2565	2	6955	3	10,862	1/2		
8 2818	2-1/4	7175	2-3/4	11,184	3/4		
9 2910	1-1/2	7332	2-3/4	11,775	1-1/4		
10 3163	1-1/2	7458	2-1/4	12,100	1-1/4		
11 3359	1	7710	2-1/2				
12 3690	3/4	7835	2-3/4				
13 4100	1/4	7961	2				
14 4510	3/4	8212	2				
15 4800	1/2	8433	2				
16 5105	1-1/2	8650	1-3/4				
17 5208	1-1/2	8992	1/4				



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.

Dean Sims
 Signature
 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.

Dean Sims
 Signature
 Drilling Superintendent
 Title

Sworn and Subscribed to before me, this the 25th day of May, 19 84

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

My Commission Expires:

09-10-84