

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved,
Budget Bureau No. 42 10355-5

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Yates Drilling Company

3. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, N.M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)

At surface

2285' FSL & 2055' FEL

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 29-T23N-R8W

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

15. DATE SET

1-2-86

16. DATE T.D. REACHED

1-7-86

17. DATE COMPL. (Ready to prod.)

2-18-86

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

6727' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4950'

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

4895'

22. IF MULTIPLE COMPL. HOW MANY *

-

23. INTERVALS DRILLED BY

0-4950'

ROTARY TOOLS

CABLE TOOLS

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

4588'-4789', Gallup

25. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DIL

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	254'	12 1/4"	180 sxs.	
4 1/2"	9.5#	4896.70'	7 7/8"	875 sxs.	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4520'	

31. PERFORATION RECORD (Interval, size and number)

4588', 97', 4608', 70', 79', 4700', 04' 12", 18'
30' & 4784' - 11, .38" holes
4598', 99', 4603', 06' 10' 76', 98', 4702', 14'
20' 28' 32' & 4789' - 13, .38" holes

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

DEPTH INTERVAL (MD)

4588' - 4789'

AMOUNT AND KIND OF MATERIAL USED

Acidized w/ 1000 gals. 7 1/2% HCL
Frac'd w/ 1500 gals. HCL
Spearhead acid, 98784 gals.
cross-link gel w/ 220000# 20/40 sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-3-86		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2-18-86	24	—	→	28	10	2	357/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
—	30#	→	28	10	2	39.8°		

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

Vented and used on lease for engine.

TEST WITNESSED BY

Wayne Townsend

35. LIST OF ATTACHMENTS

Deviation Survey

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

SIGNED

Karen J. Testerman

TITLE

Production Clerk

DATE

2-25-86

*(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 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.

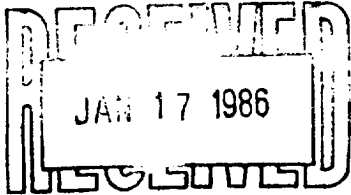
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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: "Stacks 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 POROSITY ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DAILY-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Kirtland	598'	
			Pictured Cliffs	1078'	
			Lewis	1250'	
			Chacra	1428'	
			Cliff House	1796'	
			Menefee	2408'	
			Point Lookout	3496'	
			Upper Mancos	3613'	
			Upper Gallup	4278'	
			Lower Gallup	4586'	
			Lower Mancos	4761'	



Young Drilling Co.
P. O. BOX 717
FARMINGTON, NEW MEXICO 87401
(505) 327-5218

Yates Drilling Company
207 S. 4th Street
Artesia, New Mexico 88210

Re: Gillespie Fed #1

DEVIATION SURVEY

<u>Depth</u>	<u>Degrees</u>
254'	1/8
750'	3/4
1254'	1
1755'	1
2567'	2
2787'	1
3601'	1/2
4130'	1/2
4630'	1/2
4950'	3/4

M. Herman Walters
President

Subscribed and sworn before me on this 15th day of January, 1986.

Gary S. Brink
San Juan County, New Mexico
My Commission Expires August 15, 1989.