

Dr. D.
Artesia, NM
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

88210

5. LEASE DESIGNATION AND SERIAL NO.

NM031963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH

13. STATE

14. PERMIT NO.

DATE ISSUED

7/16/93

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. RESER. ☐ Other ☐2. NAME OF OPERATOR
Merit Energy Company3. ADDRESS OF OPERATOR
12222 Merit Drive, Suite 1500 Dallas, Texas 75251

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

At surface Unit K 1980' FSL and 1980' FWL

At top prod. interval reported below same

At total depth same

JAN 24 1994

15. DATE SPUDDED 10/30/93 16. DATE T.D. REACHED 11/13/93 17. DATE COMPL. (Ready to prod.) 12/9/93 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 3437.7 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8171 21. PLUG, BACK T.D., MD & TVD 8131 22. IF MULTIPLE COMPL., HOW MANY? ACCEPTED FOR 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7825-8024' Delaware 25. WAS DIRECTIONAL SURVEY MADE? yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
CWL/DIL/GR

CARLSBAD, NEW MEXICO

27. WAS WELL CORRED? no

CASINO RECORD (Report all strings put in well)			CEMENTING RECORD			AMOUNT PULLED	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE				
5 1/2	15.5 & 17	8171	7 7/8		1124		none
8 5/8	24 & 32#	4100	11		1810		none
13 3/8	54.5	650	17 1/2		522		none

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7625	7625

31. PERFORATION RECORD (Interval, size and number)

7825' - 8024' 1 SPF .4"
total 19 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7825-8024	acidize w/15% HCL 1500 gals frac w/100,884 gals gelled wtr and 272,980# sand

33.* PRODUCTION
DATE FIRST PRODUCTION 12/14/93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing WELL STATUS (Producing or shut-in) producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/16/93	24	22/64	→	202	456	156	2257
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
300	0	→	202	456	156	45.2	

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

sold TEST WITNESSED BY Russell Whitely

35. LIST OF ATTACHMENTS

plat, deviation svy, logs

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

SIGNED Sheryl J. Caruth TITLE Regulatory Manager

DATE 12/21/93

*(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, add 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			MEAS. DEPTH	TOP	THICKNESS, DEPTH
				NAME	MEAS. DEPTH	TOP			
				Delaware Lime	4060				4060
				Cherry Canyon	5175				5175
				Brushy Canyon	6325				6325
				Bone Springs	7900				7900

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

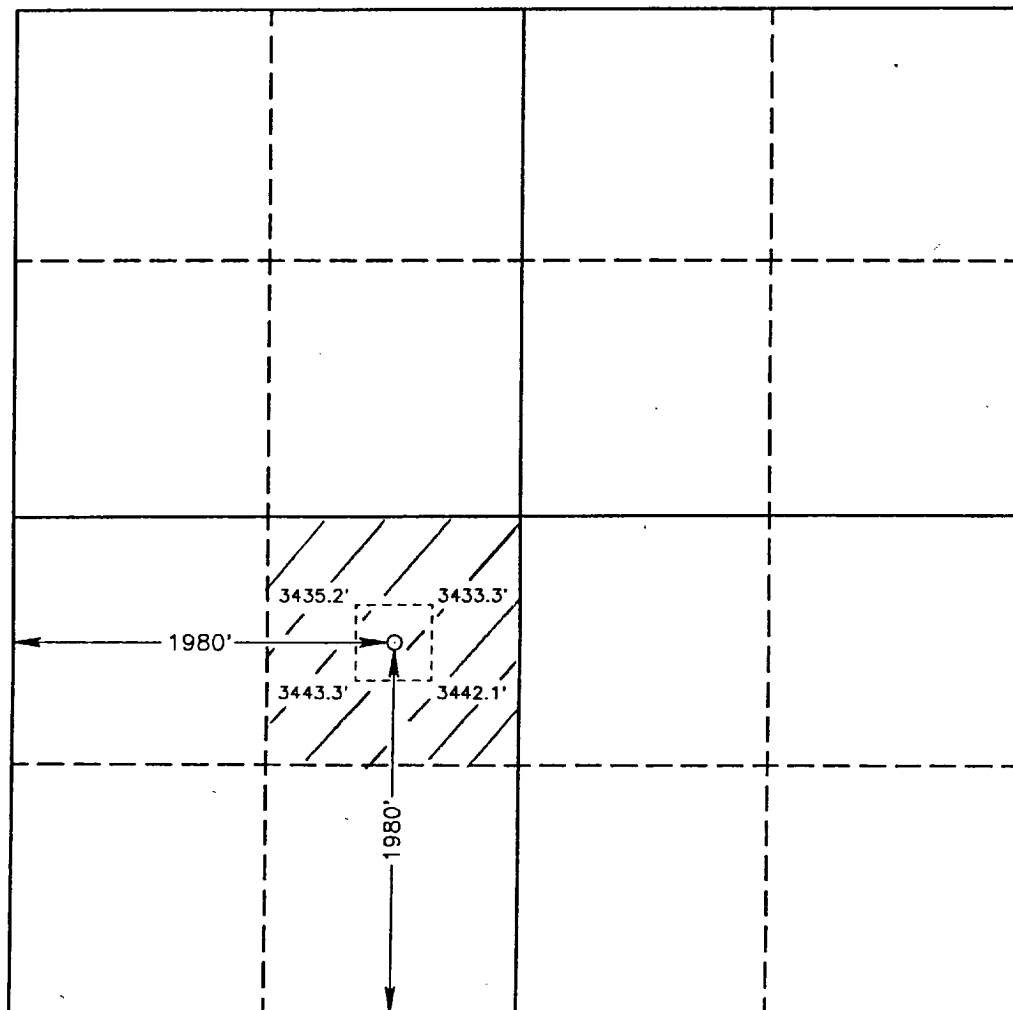
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIT ENERGY CO.			Lease SUNDANCE FEDERAL		Well No. 13
Unit Letter K	Section 5	Township 24 SOUTH	Range 31 EAST	NMPM	County EDDY
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the WEST line					
Ground Level Elev. 3437.7'	Producing Formation Delaware		Pool Sandunes West		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Russell Whitel

Printed Name

Russell Whitel

Position

Production Supt

Company

Merit Energy

Date

6-7-93

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

MARCH 04, 1993

Signature & Seal of
Professional Surveyor



Certified by: JOHN W. WEST, 676

RONALD J. EDSON, 3239

GARY L. JONES, 7977

93-41-0859

WELL NAME AND NUMBER Sundance Fed #13

LOCATION Sec. 5, T-24-S, R-31-E
(Give Unit, Section, Township and Range)

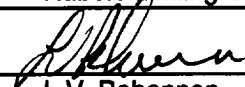
OPERATOR Merit Energy Company

DRILLING CONTRACTOR NABORS DRILLING USA, INC.

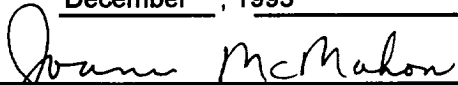
The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>1/4 @ 571</u>	<u>3/4 @ 7584</u>	
<u>1 1/4 @ 1177</u>	<u>1/4 @ 8171</u>	
<u>1 @ 1390</u>		
<u>1/4 @ 1920</u>		
<u>1 1/4 @ 2420</u>		
<u>2 @ 2922</u>		
<u>1 1/4 @ 3421</u>		
<u>1 @ 3546</u>		
<u>1 1/4 @ 3703</u>		
<u>2 1/4 @ 3890</u>		
<u>1/2 @ 4600</u>		
<u>1/2 @ 5097</u>		
<u>1/2 @ 5592</u>		
<u>1/4 @ 6089</u>		
<u>3/4 @ 6589</u>		

Drilling Contractor Nabors Drilling USA, Inc.

By 
L.V. Bohannon

Subscribed and sworn to before me this 6th day of December, 1993


Notary Public

My Commision Expires MIDLAND County TEXAS

