

Form 3160-4
(July 1992)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

**FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL ☐ GAS ☐ DRY ☒ Other _____		5. LEASE/DESIGNATION AND SERIAL NO. 14-20-603-2022	
2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REGR. ☐ Other <u>WATER SUPPLY</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. NAME OF OPERATOR VANTAGE POINT OPERATING CO., (713) 780-1952		7. UNIT AGREEMENT NAME HORSESHOE GALLUP	
4. ADDRESS AND TELEPHONE NO. 2401 FOUNTAIN VIEW DR., SUITE 700, HOUSTON, TX 77057		8. FARM OR LEASE NAME, WELL NO. HORSESHOE GALLUP UNIT	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1840' FNL & 645' FEL (SE NE) At top prod. interval reported below At total depth		9. API WELL NO. 303	
10. FIELD AND POOL, OR WILDCAT HORSESHOE GALLUP		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23-31N-17W NMPM	
12. PERMIT NO. 30-045-28635		13. DATE ISSUED	
14. DATE SPUDDED 12/30/91		15. DATE T.D. REACHED 1/2/92	
16. DATE COMPL. (Ready to prod.) 1/27/92		17. ELEVATIONS (DF, RKA, RT, OR, ETC.)* 5902' GR	
18. TOTAL DEPTH, MD & TVD 1656		19. PLUG BACK T.D., MD & TVD 1650'	
20. IF MULTIPLE COMPL. HOW MANY*		21. INTERVALS DRILLED BY →	
22. ROTARY TOOLS 1656'		23. CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* GALLUP 1514-1534		25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN TD-SURF PIPE DUAL-INDUCTION-GR-SP TD-1386' MICRO-GR-CALIPER		27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	136'	12 1/4"
5 1/2"	14#	1638'	7 7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)
31. PERFORATION RECORD (Indicate size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4 JSPF 1514-1534		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		1520-1540 PERF WITH 4 JSPF	
		1520-1540 1000 gal 15% HCL, 120 BALLS	
		1520-1540 555bb1 GELLED YF130 w/4250#	
		20/40 sd	
33. PRODUCTION			
DATE FIRST PRODUCTION 1/27/92	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPED		WELL STATUS (Producing or shut-in) POW
DATE OF TEST 1/27/92	HOURS TESTED 24	CHOKES SIZE	PROD'N. FOR TEST PERIOD
FLOW, TUBING PPM	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BDL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
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 <u>J. J. Reduff</u>		TITLE <u>Gen Mgr</u>	
		DATE <u>6/29/93</u>	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				POINT LOOKOUT IS SURF MANCOS GALLUP	134' 1394'	

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GEOLOGIC MARKERS