

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. SH 077754	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
2. NAME OF OPERATOR BILLY J. KNOTT		7. UNIT AGREEMENT NAME None	
3. ADDRESS OF OPERATOR #200 One Energy Square 4925 Greenville Ave., Dallas, Texas 75206		8. FARM OR LEASE NAME Kelly	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1000 E 81 - 1520' FEL At top prod. interval reported below Sec. 8 - T30N - R10W At total depth Same		9. WELL NO. 1A	
10. FIELD AND POOL OR WILDCAT Blanco Mesaverte		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8 - T30N - R10W N.M.P.M.	
12. COUNTY OR PARISH San Juan		13. STATE N.M.	
14. PERMIT NO. 15. DATE SPUDDED 12-21-82		16. DATE T.D. REACHED 1-2-83	
17. DATE COMPL. (Ready to prod.) 1-14-83		18. ELEVATIONS (OP, RKE, RT, GR, ETC.)* 4391' GR - 5405' K3	
19. ELEV. CASINGHEAD 4391'		20. TOTAL DEPTH, MD & TVD 5612'	
21. PLUG, BACK T.D., MD & TVD 5509'		22. IF MULTIPLE COMPL. HOW MANY? Single	
23. INTERVALS DRILLED BY Rotary Tools Cable Tools		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5107' - 5503' (Mesaverte Gas Zone)	
25. WAS DIRECTIONAL SURVEY MADE Yes - Dev.		26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. Densilog - Induction Electriolog	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
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 Ashton B. Teren, Jr. TITLE Billy J. Knott - Opr. DATE Feb 1 1983

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

FEB 7 1983

NMOC

FARMINGTON DISTRICT

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, tops(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: "Seals 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.)

On 1-11-83 the above captioned well was perforated as shown on page 1, then on 1-11-83 the well was sand fraced in the Mesaverde Gas Zone interval between 5107' & 5503'. The zone was broken down with 3000 gal. of 12% HCl followed by a pad of 10,000 gal. of slick water, then treated with 117,000 gal. of water & with 1 ppg 0.70/40 sand. Treat press. Min.= 1100 psig, Max. 1700 psig, Ave. 1500 psig, inf. Rate 58 bpm, Flush rate, 58 bpm. I.S.D.P. = 0, in 0 min. Well cleaned out & 2 3/8" tubing set at 5491 ft. 1-14-83, shut in for test.

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, TRUE TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS		
					MEAN. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliffs	2070	3170	Fine grain sd & siltstone. Gas	Pictured Cliffs	3170	3170	3170
Lewis shale	3170	3810	Gray shale & sdy. shale.	Lewis Shale	3810	3810	3810
Chacra zone	3810	4010	Gray sandy shale & siltstone.	Cliff House	4010	4010	4010
Lewis shale	4010	4350	Gray shale & sdy. shale.	Menefee	4350	4350	4350
Cliff House	4350	4720	Tight very fine grain sd. Gas.	Point Lookout T.D.	4720	4720	4720
Menefee	4720	5100	Sdy. shale & tight sand stringers with gas, few coal stringers.	Estimated Formation Tops:			
Point Lookout	5100	5612	Tight, hard very fine grain sand & shly. sd. with gas in the more porous sand.	Macinvento Surface	5612	5612	5612
				Cibola	1820		
				Kirtland	1720		
				Fruitland	2640		

RECEIVED

OIL CON. DIV.
DIST. 3