

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 ☐	Other _____		
b. TYPE OF COMPLETION:	NEW WELL ☐	WORK OVER ☒	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR El Paso Natural Gas Company						
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990'S, 1650'W At top prod. interval reported below At total depth						

5. LEASE DESIGNATION AND SERIAL NO.

SF 078387-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kernaghan

9. WELL NO.

1 (OWWO)

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

**Sec. 33, T-31-N, R-8-W
N.M.P.M.**

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED W/O 8-10-65	16. DATE T.D. REACHED W/O 8-17-65	17. DATE COMPL. (Ready to prod.) W/O 8-17-65	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6387' GL	19. ELEV. CASINGHEAD
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20. TOTAL DEPTH, MD & TVD 5636	21. PLUG, BACK T.D., MD & TVD C.O. 5595'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-5636	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

**5116-5152' (Cliff House)
5490-5587' (Point Lookout)**

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

ES, GRI, Bond Log, Temp. Survey

27. WAS WELL CORED

38. CASING RECORD (Report all strings set in well)					AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
9 5/8"	25.4#	173'	13 3/4"	125 Sks.	SEP 7 1965
7"	20 & 23#	4980'	8 3/4"	500 Sks.	
4 1/2"	10.5#	5600'	6 1/4"	180 Sks.	

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5534'	

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5116-20, 5130-34 w/4 SPT; 5144-52' w/2 SPT 5490-98' w/2 SPT; 5530-34, 5554-58' w/4 SPT 5579-87' w/2 SPT.		
All shots w/3 1/8" SDJ		
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	5116-5152	29,300 gal. water, 30,000# sand
	5490-5587'	50,240 gal. water, 50,000# sand

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-25-65	3	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY—API (COGN.)	
816	816	→		6759			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY Don Norton
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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 ORIGINAL SIGNED E.S. OBERLY	TITLE Petroleum Engineer	DATE 9-7-65

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

RECEIVED
SEP 7 1965
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.RECEIVED
SEP 9 1965
OIL CON. COM.
DIST. 3

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	NAME	MEAS. DEPTH
			TOP	
			TRUE VERT. DEPTH	
			Ojo Alamo	2060
			Kirtland	2178
			Fruitland	2907
			Pictured Cliffs	3243
			Lewis	3301
			Cliff House	5044
			Menefee	5155
			Point Lookout	5473
			Mancos	5591