

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. FARM OR LEASE NAME

8. FIELD AND POOL, OR WILDCAT

9. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

10. COUNTY OR PARISH

11. COUNTY OR PARISH

12. COUNTY OR PARISH

13. STATE

14. PERMIT NO.

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESV. ☐Other ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

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

At surface

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. 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	420'		200 SXS class "B"	
5 1/2"	17	8212'		1250 SXS class "A" & 50 SXS class "B"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	NO				2 9/8	8042'	

31. PERFORATION RECORD (Interval, size and number)

Perfs on attached sheet.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6949'-6980'	150 Sx. class "6" cmt. w/ 7% D-60, & 2% CACL (cmt. sgg.)
3790'	250 Sx. 65/25 class "P" pol. circulated 2000' (cmt. sgg.)

33.* PRODUCTION

(acid testing is attached)

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TITLE

DATE

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

B.M. Farmington BIA-Dulce Hilo

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 38, 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:

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	3668'	+3717'
				Chacra	4550'	+2835'
				Cliff House	5322'	+2063'
				Menefee	5368'	+2017'
				Point Lookout	5858'	+1527'
				Gallup	7008'	+377'
				Greenhorn	7780'	-395'
				Graneros	7842'	-957'
				Dakota	7860'	-975'

Perforations:

Dakota: 7862', 64', 66', 68', 70', 72', 74', 76', 8002', 04', 06', 08',
10', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30', 32', 34',
36', 38', 40', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60',
62', 64', 66', & 8068.

Lower & Middle
Gallup: 7176', 78', 80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 7200',
02', 04', 06', 08', 10', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30',
32', 34', 38', 40', 60', 62', 64', 66', 68', 70', 72', 74', 76', 78',
80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 7300', 02', 04', &
06'.

UPPER
Gallup: 2010', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30', 32', 34', 36',
38', 40', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60', 62', 64',
66', 84', 86', 88', 90', 92', 94', 96', 98', 7100', 12', 14', 16',
18', 20', 22', & 24'.

Acid Testing:

3790'-3695' - 2 bbls. 15% HCL-NE-FE
pmpd. 50 bbl 2% KCL wtr.

UPPER
Gallup: 3 BBL 7 1/2% HCL-NE-FE
45 BBL 7 1/2% HCL-NE-FE

Flushed: 45 BBL 2% KCL wtr.

6575 gals. gel wtr.

pmpd: 28,000 gals 30# gel water pad
16,000 gals. gel water
41,000 gals. sand

middle &
Lower Gallup: 3 bbls. 7 1/2% HCL-NE-FE
57 bbls. HCL-NE-FE

Flushed: 38 bbls 2% KCL, 6750 gals. gel water

pmpd: 91 bbls gel water
615 bbls 30# gel water
105,000# sand total

Dakota: 6 BBL 7 1/2% HCL- NE- FE

flushed: 52 BBL 2% KCL

6930 gals. 2% KCL wtr.

pmpd: 16,000 gals. 30# gel wtr. pad

8,397 gals. 30# gel

5,880 gals. 30# gel pad

6,567 gals. 30# gel

6,392 gals. 30# gel