Form 9-330
(Rev. 5-63)

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.: Contract 360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bonanza

2. NAME OF OPERATOR: J. Gregory Merrion & Robert L. Bayless

9. WELL NO.: 7

3. ADDRESS OF OPERATOR: P. O. Box 1541, Farmington, NM 87401

10. FIELD AND POOL, OR WILDCAT: Chacon Dakota Assoc.

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1850' FSL & 790' FEL
At top prod. interval reported below: Same
At total depth: Same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 11, T22N, R3W

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14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
		Sandoval	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9/22/81	10/3/81	10/27/81	7187' GL	

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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
7035 KB	6692 KB		→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Upper Dakota 6893 - 6905'
Graneros 6792 - 6826'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray Correlation Log

27. WAS WELL CORED: No

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"	23lb/ft	210 KB	12-1/4	170 sx Class B 2% $CACL_2$	None
4-1/2"	10.5/11.6	7035	7-7/8	1st stage 495 sx Class H 2% Gel. 2nd Stage	
See Attached				185 sx Class B 2% Gel.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6873'	None

31. PERFORATION RECORD (*Interval, size and number*)
68 holes 6893-6905
6792-6826

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6893-6905	14,000 lbs 40/60 sand followed by 16,000 lbs 20/40 & 956 bbls slick water 2/1/2 gal/1000 FR-20,1/2 gal/1000
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
10/24/81	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/26/81	24	3/4"		350	300MCF/D	Trace	857

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
40 PSIG	660 PSIG		350	300 MCF/C	-0-	45°

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

TEST WITNESSED BY: Don Woods

35. LIST OF ATTACHMENTS
Top of cement

ACCEPTED FOR RECORD
NOV 3 1981
FARMINGTON DISTRICT

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

SIGNED [signature] TITLE Engineer DATE 10/29/81

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

NMOCC

BY SMA

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:
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.
Pictured Cliffs	2575	2660	Unknown
Mesa Verde	4060	4810	Unknown
Gallup	5600	5950	Unknown
Graneros	6788	6840	Gas, Oil
Dakota	6895	-	Gas, Oil

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	2230	
Kirtland	2348	
Fruitland	2470	
Picture Cliff	2575	
Lewis	2660	
Cliffhouse	4060	
Menefee	4115	
Pt. Lookout	4644	
Mancos	4810	
Gallup	5600	
Greenhorn	6700	
Graneros	6788	
Dakota	6895	

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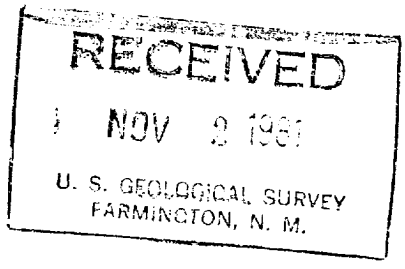
WELL COMPLETION

28. Casing record
1 ft 3/sx Perlite, tail in w/50 sx Class 'B' Neat. 3rd stage w/70 sx Class 'B' 2% Gel, 1 CF/sx Perlite, tail in w/50 sx 'B' Neat.

32. Acid, Shot, Fracture, Cement Squeeze, Etc.
Frac-cide 15#/1000 gal Aquaseal, 1 gal/1000 Claymaster III. Flushed 1st stage w/500 gal 15%HCL. Spearheaded 500 gals 15% HCL and fraced Graneros w/2,820 bbl slick water as per 1st stage and 40,000 lb 40/60 sand, 54,000 lbs 20/40 sand.

35. Top of cement

1st Stage	5350	(calculated)
2nd Stage	3550	(calculated)
3rd Stage	1300	(temperature survey)



MERRION & BAYLESS
BONANZA #7
1850 FSL & 790' FEL
Sec. 11, T22N, R3W
Sandoval County, New Mexico

DAILY REPORT

09-22-81 Moved in and rigged up Bayless rig #5. Using bit #1 spudded 12-1/4" hole. Drilling @111.

09-23-81 Drill 12-1/4" surface hole to 210' KB. Ran 206' of surface pipe 8-5/8" - 23 lb/ft. Cementers Inc. cemented with 170 sx class 'B', 2%$CACL_2$. Returned good cement to surface. Plug down 1:15 P.M. on 9/22/81. WOCT for 12 hours. Currently drilling @1325' KB with 7-7/8" hole. (SSD)

09-24-81 Drilling @2665, Vis. 44, Weight 8.8, Water loss 4.8.

09-25-81 Drilling @3530, Vis. 38, Weight 8.8, Water loss 5.0.

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09-26-81 Drilling @ 4411

09-27-81 Tripping @ 4935

09-28-81 Drilling @ 5225, Vis. 45, Weight 8.9, Water Loss 10

09-29-81 Drilling @ 5778, Vis. 45, Weight 8.9, Water Loss 10

09-30-81 Drilling @ 6300, Vis. 45, Weight 9.0, Water Loss 4.4

10-01-81 Tripping @ 6534, Vis. 41, Weight 9, Water Loss 5.2

10-02-81 Drilling @ 6820, Vis. 46, Weight 8.8, Water Loss 4.8

10-03-81 TD @ 7035' KB. Circulated hole for logs. Tripped out. Rig up Schlumberger. Running Logs. (SSD)

10-04-81 Ran IES Induction, and Neutron-Density Logs. Rig down Schlumberger Lay down drill pipe. Run 4-1/2" K-55, 10.51b/ft. Tramesa, Pusan casing as follows:

	ITEM	LENGTH	DEPTH
66	Jts. 10.51b/ft 4-1/2" Casing	2635.89	2627.64
1	Stage Collar	1.68'	2629.32
56	Jts. 10.5 lb/ft 4-1/2" casing	2262.50	4891.82
1	Stage collar	1.68	4893.50
42	Jts. 10.5 lb/ft 4-1/2" casing	1681.80	6575.30
10	Jts. 11.6 lb/ft 4-1/2" casing	415.32	6990.62
1	Float collar	1.68	6992.30 PBTD
1	Shoe joint 11.6 lb/ft 4-1/2" csg.	41.69	7033.99
1	shoe	1.00	7035

Total of 175 Jts. of casing. PBTD - 6692' KB. Circulated to bottom, and picked up 1 ft. off bottom. (SSD)

MERRION & BAYLESS
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1850 FSL & 790' FEL
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Sandoval County, New Mexico

DAILY REPORT

10-05-81 Rig up Dowell and cemented 1st stage w/495 sx Class 'H' 2% Gel. 6000 Circulation. Plug down @ 7:15 A.M. 10-04-81. Opened stage tool and circulated 4 hours. Indications of 1st Stage cement above stage tool were noted. Cemented second stage w/185 sx Class 'B' w/2% Gel, 1 ft 3/sx Perlite, tail in w/50 sx Class 'B' Neat. Good circulation. Closed tool and opened 3rd stage w/70 sx Class 'B' 2% Gel, 1 CF/sx Perlite, tail in w/50 sx 'B' Neat. Good circulation. Plug down @ 3:15 P.M. 10-04-81. Landed casing and cut off. Rigging down to move @ 4:30 P.M. WOCT. (SSD)

Wilson Service Co. ran temperature survey. Found top of cement @ 1300 ft. PBTD @ 2626' KB. (SSD)

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10-21-81 MIRU Bayless No. 3. Trip in 2/3-7/8" bit and casing scraper to 1st stage tool @ 2626' KB. Drilled out, pressure tested to 900 PSIG, OK. Tripped to second stage tool @ 4892' KB, Drilling. SDON.

10-22-81 Drilled out 2nd stage tool @ 4892. Pressure tested @ 900 PSIG. OK. Trip to bottom. Clean out float collar 6692' KB. Rig up Western company. Pressure tested 4000 PSIG. Raised bit to 6930' KB. Swept hole w/gel plug. Spotted 2/250 gal 15% HCL. Rig up Blue Jet. Ran Gamma Ray Correlation Log. Plug back depth to 5500'. Perf Upper Dakota 6893 - 6905', 2/pf 3-1/8" casing gun. Broke down perf 6bbls/min. Pressure 2000 PSIG. ISDP 1650'. SDON.

10-23-81 Rig up Western Co. Fraced Upper Dakota w/14,000 lbs 40/60 sand followed by 16,000 lbs 20/40 and 956 bbls slick water 2/1/2 gal/1000 FR-20, 1/2 gal/1000 Frac-cide 15#/1000 gal Aquaseal, 1 gal/1000 Claymaster III. Avg rate 33 bpm, avg. pressure 3200 PSIG. ISDP 1850 PSIG down to 1600 PSI in 10 minutes. Flushed 1st stage w/500 gal 15% HCL. Blue Jet set drillable bridge plug @ 6870' KB. Perforated Graneros 6792-6826' w/2 PF 3-1/8" casing gun, total 68 holes. Spearheaded 500 gals 15% HCL and fraced Graneros w/2,820 bbl slick water as per 1st stage and 40,000 lb 40/60 sand, 54,000 lbs 20/40 sand. Avg. rate 41 BPM, avg pressure 3900 PSIG. ISDP - 2200 PSIG down to 1900 PSIG in 10 minutes. Shut in.

10-24-81 MO-TE killed the well w/water. Rig crew ran tubing to drill out bridge plug and cleaned to bottom. Tripped out of the hole. SDOW.

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1850 FSL & 790 FEL
Sec. 11, T22n R3W
Sandoval County, New Mexico

10/26/81 Ran production tubing and hung on. Shut well in @ 7:00 PM for lack of tankage. Casing pressure 660 PSIG.

10/27/81 Stock 832 bbls. Well shut-in for surface installation.

10/26/81 8:00 AM Well was gassing heavy, making no fluid. Ran production string w/pumpout plug as follows: Mud anchor, bottom 6873.46, perforated sub, bottom 6842.31, seating nipple, bottom 6834.31, 223 jts 2-3/8" EUE run in order of tally, bottom @ 6833.31 KB. Install well-head manifold, pumped out plug and swabbed tubing in. RDMO.

(CCM)

10/28/81 Surface hookups in progress.

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