

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 _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078903-B		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Amoco Production Company				7. UNIT AGREEMENT NAME Gallegos Canyon Unit		
3. ADDRESS OF OPERATOR 501 Airport Dr., Farmington, NM 87401				8. FARM OR LEASE NAME		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1250' FSL x 1860' FWL At top prod. interval reported below Same At total depth Same				9. WELL NO. 186E		
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DATE SPUDDED 12-15-81				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE/4 SW/4 Section 33, T28N, R12W		
16. DATE T.D. REACHED 12-28-81				12. COUNTY OR PARISH San Juan		
17. DATE COMPL. (Ready to prod.) 2-15-82				13. STATE New Mexico		
18. ELEVATIONS (DF, RKB, RI, GR, ETC.)* 5720' KB				19. ELEV. CASINGHEAD 5707' GL		
20. TOTAL DEPTH, MD & TVD 6076'		21. PLUG, BACK T.D., MD & TVD 6036'		22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY 0 - TD		ROTARY TOOLS		CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5932'-5988', Dakota				25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL, GR-SP				27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)						
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
8-5/8"		24#		309' KB		
4-1/2"		10.5#		6076' KB		
				See Attached		
29. LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
30. TUBING RECORD						
SIZE		DEPTH SET (MD)		PACKER SET (MD)		
2-3/8"		5968'		None		
31. PERFORATION RECORD (Interval, size and number) 5932'-5950', 5950'-5970', 5974'-5988', with 2 spf, a total of 104 .38" holes						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
5932'-5988'		77,000 gallons of frac fluid and 234,000 pounds of 20-40 sand.				
33.* PRODUCTION						
DATE FIRST PRODUCTION * * 3/1/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 3-1-82		HOURS TESTED 3		CHOKE SIZE .75"		
FLOW. TUBING PRESS. 230 psig		CASING PRESSURE 777 psig		CALCULATED 24-HOUR RATE ---		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.		OIL—BBL. ---		GAS—MCF. 2848		
		WATER—BBL. ---		OIL GRAVITY-API (CORR.) ---		
35. LIST OF ATTACHMENTS						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.						

SIGNED

TITLE

Dist. Admin. Supvr.

DATE

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

* * Date will be reported when well is first delivered into the gas sales line.

RECEIVED FOR RECORD
MAR 18 1982

MAR 20 1982

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, 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:			39. 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			NAME	TOP	
FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Not on Logs				
Fruitland	990	1340			
Pictured Cliffs	1340	1550			
Lewis Shale	1550	2878			
Cliffhouse	2878	2941			
Menefee	2941	3802			
Point Lookout	3802	4126			
Mancos Shale	4126	4960			
Gallup	4960	5760			
Greenhorn	5760	5830			
Graneros Shale	5830	5884			
Graneros Dakota	5884	5934			
Main Dakota	5934	6076			

Cement Record

8 5/8" casing → 315 sk Class "B" neat cement w/ 2% CaCl₂
C.T. → Surface

8 1/2" casing → 1st 275 sk Class "B" neat cement w/ 50:50 po₂,
6% gel, 2# med tuf plug/sk, .8% fluid
loss additive. 100 sk Class "B" neat cement.
2nd 480 sk Class "B" neat cement w/ 65:35 po₂,
6% gel 2# med tuf plug/sk, .8% fluid
loss additive. 100 sk Class "B" neat cement
3rd 285 sk Class "B" neat cement w/ 65:35 po₂,
6% gel, 2# med tuf plug/sk, .8% fluid
loss additive. 100 sk Class "B" neat **Cement**

C.T. → Surface

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator <u>Amoco Production Co.</u>		Well API No.
Address <u>2325 E. 30th Street, Farmington NM 87401</u>		
Reason(s) for Filing (Check proper box) ☐ New Well ☐ Change in Transporter of: ☐ Recompletion ☐ Oil ☐ Dry Gas ☐ Effective 4-1-89 ☐ Change in Operator ☐ Casinghead Gas ☐ Condensate ☒		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Gallegos Canyon Unit</u>	Well No. <u>186E</u>	Pool Name, Including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee	Lease No. <u>92000844</u>
Location: Unit Letter <u>N</u> : <u>1250</u> Feet From The <u>S</u> Line and <u>1860</u> Feet From The <u>W</u> Line Section <u>33</u> Township <u>28 N</u> Range <u>12 W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒ <u>Meridian Oil Inc.</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 4289, Farmington NM 87499</u>	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒ <u>El Paso Natural Gas Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>Call Center Service 4990, Farmington NM 87499</u>	
If well produces oil or liquids, give location of tanks. Unit <u>N</u> Sec. <u>33</u> Twp. <u>28 N</u> Rge. <u>12 W</u>	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforation					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of liquid oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - bbls.	Water - bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	bbls. Condensate/MNCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature B. D. Shaw Adm. Super.
Printed Name B. D. Shaw Title
Date APR 11 1989 Telephone No. (505) 325-8841

OIL CONSERVATION DIVISION

Date Approved APR 11 1989By B. D. Shaw

SUPERVISOR DISTRICT # 3

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each well to be produced.