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NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

20. Indicate Type of Lease	State ☒ Fee ☐
21. State Oil & Gas Lease No.	B-244
22. Unit Agreement Name	
23. Name of Lease Name	South Hobbs (GSA) Unit
24. Well No.	209
25. Field and Loc. of Well	South Hobbs GSA

3. TYPE OF WELL	OIL WELL ☐	GAS WELL ☐	DRY ☐	OTHER ☒ Injection
4. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
			DIFF. RESVR. ☐	OTHER ☐

5. Name of Operator	AMOCO PRODUCTION COMPANY
6. Address of Operator	P.O. BOX. 68, HOBBS, NEW MEXICO 88240

7. Location of Well	UNIT LETTER <u>D</u> LOCATED <u>265</u> FEET FROM THE <u>North</u> LINE AND <u>1090</u> FEET FROM
8. Section	THE <u>West</u> LINE OF SEC. <u>8</u> TWP. <u>19-S</u> R. <u>38-E</u>

13. Date Drilled	12-27-85	16. Date T.D. Reached	3-21-86	17. Date Compl. (Ready to Prod.)	3609.6' GR	18. Elevations (H.F., R.H.H., R.T., G.R., etc.)	19. Elev. Casinghead
20. Total Depth	4145'	21. Plug back T.D.	4143'	22. If Multiple Compl., how many		23. Intervals Drilled By	Rotary Tools 0-TD Cable Tools
24. Producing interval(s), of this completion - Top, bottom, Name							25. Was Directional Survey Made
4060'-4140' San Andres							No
26. Type Electric and Ciner Logs Run							27. Was Well Cored
CNL - FDC - GR DLL/Micro SFL, Cement Bond Log							No

CASING RECORD (Record all strings set in well)				CEMENTING RECORD		AMOUNT PULLED				
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENT						
14"	36.71#	40'	20"	4 1/4" x 13' Redi Mix	Circ to surf.					
8 5/8"	24#	1620'	12 1/4"	1050 lb Cl. C x 1% CaCl ₂	Circ 149'					
5 1/2"	15.5#	4145'	7 7/8"	350 lb Cl. A Self Stress x 600'	Circ 200' to pit					
				at Cl. A x 1% CaCl ₂						
LINER RECORD				TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET				
					2 3/8"	3963'				
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
4060'-4140' (0.410" diam., 320 Shot)				<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4060'-4140'</td> <td>8000 gallons 15% NE HCL</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4060'-4140'	8000 gallons 15% NE HCL
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED									
4060'-4140'	8000 gallons 15% NE HCL									

33. PRODUCTION				Well Status (Prod. or Shut-in)			
Date First Production 3-21-86				Injection			
Production Method (Flowing, Gas lift, pumping - size and type pump)							
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - bbl.	Gas - MCF	Water - bbl.	Oil Gravity - API (Corr.)	Gas-Oil Ratio
34. Disposition of Gas (sold, used for fuel, vented, etc.)				Test Witnessed By			

35. List of Attachments	
Inclination Report attached. Logs mailed 1-21-86 and 1-23-86.	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	
SIGNED <u>Beverly A. Ottwell</u>	TITLE <u>SENIOR ADMINISTRATIVE ANALYST</u> DATE <u>3-24-86</u>

SE, 0+5 NMOC D 1-BAO 1-WF 1-JRB 1-FJN 1-ARCO 1-SHELL 1-SUN
and for the County of
Midland, State of Texas

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NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-84

A. TYPE OF WELL		B. TYPE OF COMPLETION		C. NAME OF OPERATOR		D. ADDRESS OF OPERATOR		E. LOCATION OF WELL		F. UNIT LETTER		G. LOCATED		H. FEET FROM THE		I. LINE AND		J. FEET FROM		K. THE		L. LINE OF SEC.		M. TWP.		N. RGE.		O. SEC.		P. DATE DRILLED		Q. DATE T.D. REACHED		R. DATE COMPL. (READY TO PROD.)		S. ELEVATIONS (HT, RHH, RT, GR, etc.)		T. ELEV. CASINGHEAD		U. TOTAL DEPTH		V. PLUG BACK T.D.		W. IF MULTIPLE COMPL., HOW MANY		X. INTERVALS DRILLED BY		Y. ROTARY TOOLS		Z. CABLE TOOLS		AA. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME		AB. TYPE ELECTRIC AND CINDER LOGS RUN		AC. CASING RECORD (Report all strings set in well)		AD. LINER RECORD		AE. TUBING RECORD		AF. PERFORATION RECORD (Interval, size and number)		AG. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AH. PRODUCTION		AI. DISPOSITION OF GAS (burnt, used for fuel, vented, etc.)		AJ. LIST OF ATTACHMENTS		AK. SIGNATURE		AL. TITLE		AM. DATE	
		NEW WELL ☒ WORK OVER ☐ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ <u>Injection</u>		AMOCO PRODUCTION COMPANY		P. O. BOX 68, HOBBS, NEW MEXICO 88240		D		265		North		1090				8		19-S		38-E		12-27-85		3-21-86		3609.6' GR				4145'		4143'		3-21-86		3609.6' GR		0-TD		4060'-4140' San Andres		CNL - FDC - GR, DLL/micro SFL, Cement Bond Log		Casing Record Table		Liner Record Table		Tubing Record Table		4060'-4140' (0.410" diam., 320 shots)		8000 gallons 15% NE HCL		Injection				Inclination Report attached. Logs mailed 1-21-86 and 1-23-86.		SIGNED <u>Beverly A. Ottwell</u>		TITLE <u>SENIOR ADMINISTRATIVE ANALYST</u>		DATE <u>3-24-86</u>											

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 20 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except in some local areas where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1530
T. Salt 1655
T. Salt
T. Yates 2792
T. 7 Rivers 3020
T. Queen 3522
T. Grayburg 4050
T. San Andres
T. Glorieta
T. Paddock
T. Blinberry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp
T. Penn.
T. Cisco (Bough C)

T. Canyon
T. Strawn
T. Anoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T. Delaware Sand
T. Bone Springs
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todillo
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn. "A"

T. Penn. "P"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Qtzite
T. Granite
T.
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T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1316'	1316'	Red bed				
1316'	1620'	304'	Anhy				
1620'	2985'	1365'	Salt x Anhy				
2985'	4145'	1160'	Anhy				

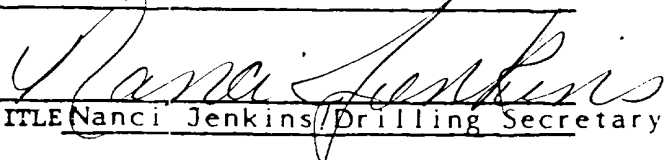
INCLINATION REPORT

OPERATOR AMOCO PRODUCTION COMPANY ADDRESS BOX 68 HOBBS, N. M. 88240
 LEASE NAME S.H.U. WELL NO. #209 FIELD _____
 LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
487 *	0.25	0.44 *	2.1428
971 *	0.25	0.44 *	4.2724
1469 *	0.50	0.87 *	8.6050
1620 *	0.75	1.31 *	10.5831
2116 *	0.75	1.31 *	17.0807
2614 *	0.75	1.31 *	23.6045
3109 *	1.00	1.75 *	32.2670
3604 *	1.25	2.18 *	43.0580
4073 *	1.50	2.62 *	55.3458
4120 *	1.50	2.62 *	56.5772

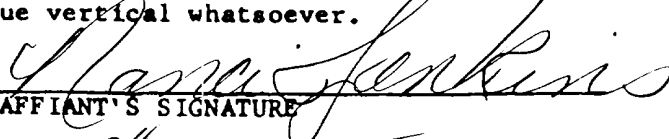
I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

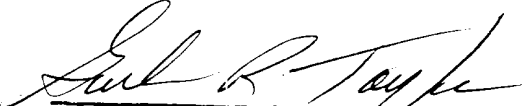

 TITLE Nanci Jenkins Drilling Secretary

AFFIDAVIT:

Before me, the undersigned authority, appeared NANCI JENKINS
 known to me to be the person whose name is subscribed herebelow, who, on making
 deposition, under oath states that he is acting for and in behalf of the operator
 of the well identified above, and that to the best of his knowledge and belief such
 well was not intentionally deviated from the true vertical whatsoever.


 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 8th day of Jan., 19 86


 Notary Public in and for the County of
 Midland, State of Texas

SEAL