STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

ORDER NO. SWD-257

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND CFFICE BUILDING SANTA FE NEW MEXICO 87504

(505) 827-5800

APPLICATION OF AMOCO PRODUCTION COMPANY

ADMINISTRATIVE ORDER OF THE DIL CONSERVATION DIVISION

Under the provisions of Rule 701(B). Amoco Production Company made application to the New Mexico Cil Conservation Division on November 28, 1988, for permission to complete for salt water its Bravo Dome CO: Gas Unit Well No. 1931-321, located in Unit A, of Section 32. Township 19 North, Range 34 East, NMPM. Union County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations.
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified; and
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

(1) The applicant herein, Amodo Production Company is hereby authorized to complete its Bravo Dome CO₈ Gas Unit Well No. 1934-321 located in Unit A of Section 32, Township 19 North, Range 24 East, NMPM, Union County, New Mexico. in such a manner as to permit the injection of salt water for disposal purposes into the Glorieta formation at approximately 1914 feet to approximately 1998 feet through 3 1/2-inch fiberglass lined tubing set in a packer located at approximately 1900 feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the making shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

Administrative Order 3WD-357 Amoco Production Company Page 2

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 383 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Glorieta formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Santa Fe district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Santa Fe district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for such further order or orders as any seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule 706 and 1120 of the Division Rules and Regulations.

Administrative Order SWD-357 Amoco Production Company Page 3

Approved at Santa Fe, New Mexico, on this 18th day of December, 1988.

STATE OF NEW MEXICO

OIL CONSERVATION PAVISION

WILLIAM J. LEMAY

Director

S E A L

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission but later than 26 days after the completion of any newly-diffied or does one; it shall be accompanied by one copy of all electrical and rathe-activity to a non-on-the well and a summing of all special tests conducted, including stell tests. All regime rejected shall be incasured by this, is the case of tiredicability filled wells, they vertical depths shall also be rejected. For multiple completions, Items 36, through 34 shall be rejected for each zone. The term is to be filed in quintuplicate exception state 125.1, where six copies are required. See field 1955.

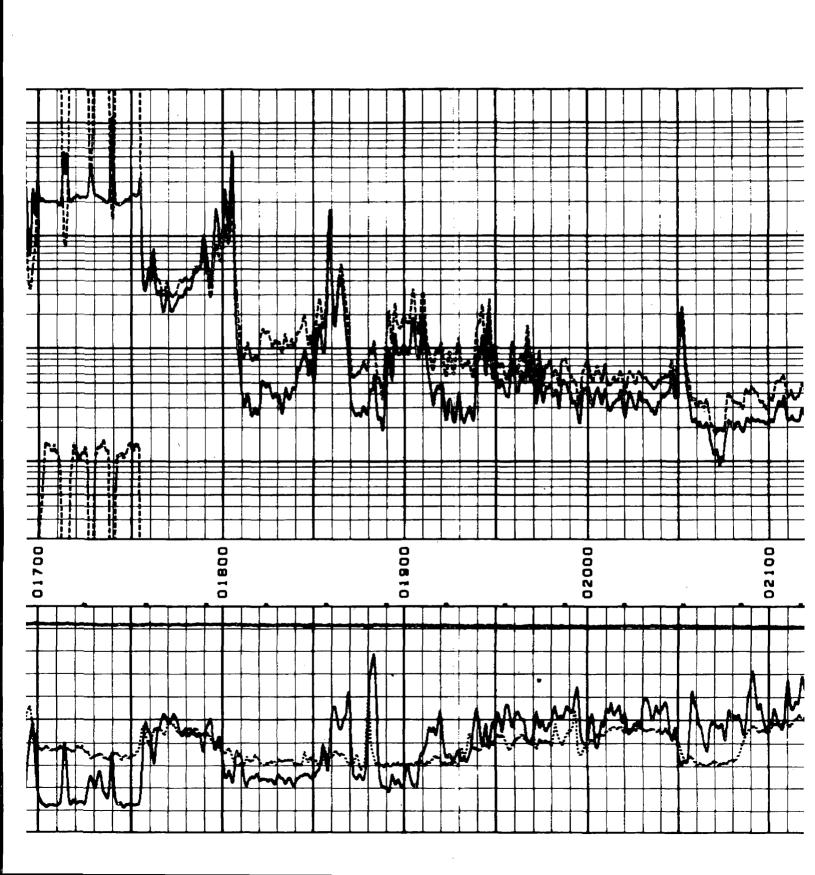
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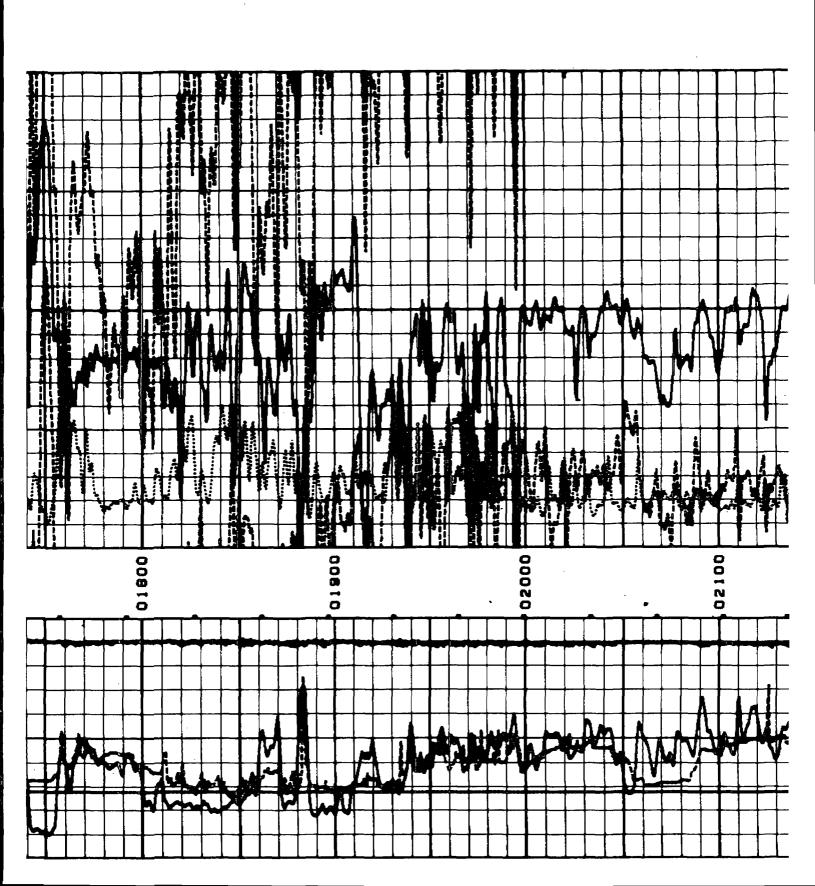
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GEARHART INDUSTRIES, INC.





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OIL CONSERVATION DIVISION

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Submit 3 Copies To Appropriate District	State of I	New Me	exico		Form C-103 Revised March 25, 1999	
Office District 1	trict 1 Energy, Minerals and Natural Resources					
1625 N. French Dr., Hobbs, NM 88240						
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV		059-20204			
District III	1220 South		5. Indicate Type			
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe			STATE 6. State Oil & C	Gas Lease No.	
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM		, 1 1111 0	, 000	o. State Off & C	Jas Lease No.	
87505						
· ·	CES AND REPORTS ON			7. Lease Name o	or Unit Agreement Name:	
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PROPOSALS.)	THON FOR FERMIT (FOR	vi C-101) FC	ok soch		bon Dioxide Gas Unit	
1. Type of Well:				1934		
Oil Well Gas Well	Other SWD					
2. Name of Operator				8. Well No.		
OXY USA, Inc.	•			321A (SWD)		
3. Address of Operator				9. Pool name or	Wildcat	
P. O. Box 303, Amistad, NM 8	8410			Bravo Dome CO2	Gas Unit 640 Acre Area	
4. Well Location	-					
Unit LetterA:_	$_956$ $__$ feet from the $_$	$_North_$	line and9	56feet from the	heEastline	
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Section 32	Township 191		ange 34E		nion County	
	10. Elevation (Show w	hether Di	R, RKB, RT, GR, etc.	.)	\$ a. 3	
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	opropriate Box to Inc	ncate N				
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12. Describe proposed or completed						
starting any proposed work). SEE	RULE 1103. For Multi	iple Com	oletions: Attach wel	lbore diagram of p	roposed completion or	
recompilation.						
		_				
1/22/03 – During active salt water disp		alve was	opened and no annu	ilar pressure or vac	uum was found. Roy	
Johnson, NMOCD District IV Supervi	sor witnessed test.					
				•		
I hereby certify that the information ab	ove is true and complete	to the be	et of my knowledge	and helief	···	
Thereby certify that the internation as	A and complete	to the be	st of my knowledge	and benefit.		
SIGNATURE WHOCK	mli- T	ITLE	Team Leader_	Đ.	ATE1-22-2003	
					2	
Type or print name Danny	J. Holcomb			Telephone N	lo. 505-374-3010	
(This space for State use)	7)					
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APPPROVED BY 74 CV9	pun TI	TLEDIS	STRICT SUPI	EKVISOR	DATE 1/31/03	
Conditions of approval, if any:		***************************************				
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Submit's Copies 10 Appropriate pisarer				
Office	State of Energy, Minerals			Revised March 25, 1999
District I 1625 N. French Dr., Hohbs, NM 88240	Energy, willerars	and Iva	iulai Resoulces	WELL API NO.
District II	OIL COMEED	U A TIO	N DIVICION	30-059-20204
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV			5. Indicate Type of Lease
District III 1000 Rio Brazos Rd., Aztec. NM 87410	1220 South			STATE FEE
District IV	Santa Fe	e, NM 8	37505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM				1
87505	CES AND REPORTS OF	N WELL	<u>-</u>	7. Lease Name or Unit Agreement Name:
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DIFFERENT RESERVOIR. USE "APPLIC	ATION FOR PERMIT" (FOR	M C-101) F	FOR SUCH	Bravo Dome Carbon Dioxide Gas Unit
PROPOSALS.)				1934
1. Type of Well: Oil Well Gas Well	Other SWD			1
2. Name of Operator	Other SWD			8. Well No.
OXY USA, Inc.				321A (SWD)
3. Address of Operator				9. Pool name or Wildcat
P: O. Box 303, Amistad, NM	88410			Bravo Dome CO2 Gas Unit 640 Acre Area
4. Well Location				
				956feet from theEastline
Section 32	Township 191		lange 34E	NMPM Union County
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SIGNATURE WHO	comp TI	TLE	Team Leader_	DATE1-27-2004
Type or print name Dapay I	J. Molyomo			Telephone No. 505-374-3010
This space for State use)	1177			
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APPPROVED BY $\sqrt{9}$	TIT	LLE LIK	PIRICE SUPI	ERVISOR DATE 4-23-04
Conditions of approval, if any:				

Submit 3 Copies To Appropriate District Office	State of N			Form C-103 Revised March 25, 1999		
District I	Hineray Minerale and Natural Recourses					
District II	District II					
1301 W. Grand Ave., Artesia, NM 88210 District III	5. Indicate Type of Lease					
1000 Rio Brazos Rd., Aztec, NM 87410	1220 South Santa Fe,		1	STATE FEE 6. State Oil & Gas Lease No.		
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Saita 1 c,	11111 07	303	o. State Off & Gas Lease No.		
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PROPOSALS.)				1934		
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2. Name of Operator				8. Well No.		
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SIGNATURE 2070 00	in the second	IILE	Team Leader	DATE1-20-2006		
	J. Holcomb			Telephone No. 505-374-3010		
(This space for State use)		· 				
APPPROVED BY	John TI	TLEDIS	TRICT SUP	ERVISOR DATE 1/30/06		
Conditions of approval, if any	,		100	THE P. LEWIS CO.		