

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Jennifer A. Salisbury
Cabinet Secretary

February 15, 2001

Lori Wrotenbery
Director
Oil Conservation Division

Nearburg Exploration Company, L.L.C. c/o Holland & Hart LLP and Campbell & Carr P. O. Box 2208 Santa Fe, New Mexico 87504-2208

Case 12622

Attention:

Michael H. Feldewert

Re: Administrative application initially filed with the New Mexico Oil Conservation Division in Santa Fe on January 8, 2001 for an exception to the spacing provisions of Division Rule 104C (2), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-morrow Gas Pool comprising: (i) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico, to be dedicated to a well to be operated by Nearburg Producing Company; and (ii) the SE/4 of Section 34 to be dedicated to a well to be operated by EOG Resources, Inc.

Dear Mr. Feldewert:

On Wednesday, February 14, 2001 I received the following: (i) a letter of opposition from Redrock Operating Ltd. Co. of Coppell, Texas dated February 12, 2001 to your application (see attached); (ii) your voice mail message left at 11:40 a.m.; and (iii) a faxed letter from Mr. W. Thomas Kellahin who represents Redrock Operating Ldt. Co. (also attached). This application will therefore be set for hearing before a Division Hearing Examiner on the next available docket scheduled for March 22, 2001. I prepared the following advertisement in this matter:

"Application of Nearburg Exploration Company, L.L.C. for two non-standard gas spacing and proration units, Lea County, New Mexico. Applicant seeks an exception to the spacing provisions of Division Rule 104.C (2) to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-Morrow Gas Pool comprising: (i) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico. to be dedicated to the Nearburg Producing Company's existing Grama Ridge East "34" State Well No. 1 (API No. 30-025-34948), located at a standard gas well location 1548 feet from the North line and 990 feet from the East line (Unit H) of Section 34; and (ii) the SE/4 of Section 34 to be dedicated to the EOG Resources. Inc. operated Llano "34" State Well No. 1 (API No. 30-025-26318), located at a standard gas well location 1650 feet from the South line and 660 feet from the East line (Unit I) of Section 34. These two wells are located approximately 17 miles west of Eunice, New Mexico.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs

Jeff Albers, Engineer - New Mexico State Land Office - Santa Fe

W. Thomas Kellahin, Legal Counsel for Redrock Operating Ltd. Co.

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

JASON KELLAHIN (RETIRED 1991)

'NEW MÉXICO BOARD OF LEGAL APECIALIZATION RECOGNIZED SPECIALIST IN THE AREA OF NATURAL RESOURCES-OIL AND GAS LAW

W. THOMAS KELLAHIN

February 14, 2001

Via Facsimile

TELEPHONE (505) 982-4285

TELEFAX (505) 982-2047.

Oil Conservation Division 1220 South St. Francis Santa Fe, New Mexico 87504

Attn: Mr. Michael E. Stogner

Re: NOTICE OF OBJECTION:

Nearburg Exploration Company, L.L.C.
Administrative Application to NMOCD
for Approval of Two Non-Standard 160-acre
Gas Proration and Spacing Units
NE/4 and SE/4, Section 34, T21S, R34E, NMPM,
East Grama Ridge-Morrow Gas Pool, Lea County, New Mexico

Dear Mr. Stogner:

By letter dated January 8, 2001, Nearburg Exploration Company, L.L.C. filed the referenced administrative application with the Division and by letter dated January 29, 2001 sent notification to Redrock Operating Ltd. Co. of the referenced request.

On behalf of Redrock Operating Ltd Co., an affected overriding royalty interest owner in the SE/4 of this section, we hereby object to the referenced application as described in its administrative application to the Division.

We request that this matter be set for hearing and that I on behalf of Redrock Operating Inc. be provided notification of the hearing in accordance with Division notice rules.

W. Thomas Kellahin

cfx: William F. Carr, Esq.

Attorney for Nearburg Exploration, L.L.C.
Commissioner of Public Lands State of New Mexico
Attn: Jeff Alpers
Redrock Operating Ltd. Co.

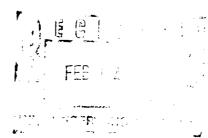
Attn: Mark L. Stanger
Tim Cashon

Redrock Operating Ltd. Co.

122 Allencrest Coppell, TX 75019 (972)-393-6945

February 12, 2001

Mr. Mike Stogner
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



Re: Application of Nearburg Exploration, L.L.C. for Administrative Approval of Two Non-Standard 160-acre Gas Well Spacing Units in the E/2 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico

Dear Mr. Stogner,

On or about January 29, 2001, Redrock Operating Ltd. Co. ("Redrock") received notice of the above referenced application from Nearburg Exploration Co. ("Nearburg"). Please be advised that Redrock intends to oppose this application and consequently the creation of two separate units in the E/2 of Section 34, Township 21 South, Range 34 East. Redrock owns an Overriding Royalty Interest in the SE/4 of Section 34, that would be adversely impacted by a change in the current unit configuration.

Contrary to Nearburg's assertion that their application will protect the correlative rights of all interested parties, Redrock would be precluded from participating in production from the NE/4 of Section 34. The working interest owners and other interests in the NE/4 shared in the opportunity to develop the production established by the Llano 34 State Com #1 well located in the SE/4. Therefore, interests in the SE/4 should be afforded the same opportunity to share in the production from the Nearburg - Grama East 34 well in the NE/4.

The existing unit and the OCD's past practices of providing for alternative unit wells will prevent waste and will protect the correlative rights of all parties. Past OCD practices have provided for infill drilling by methods other than reconfiguring existing units. Redrock sees no reason to make an exception to these past practices in this particular case.

Please advise me on any additional information that you may need from Redrock. Thank you for your consideration and I look forward to hearing from you on this matter soon. You can reach me at (214) 382-0234 during normal working hours.

Very Truly Yours,

Moch 2 Stanger
Mark L Stanger
Vice President

W. THOMAS KELLAHIN'

KELLAHIN AND KELLAHIN

NORTH GUADALUPE

POST OFFICE BOX 2265

FE, NEW MEXICO 87504-2265

JASON KELLAHIN (RETIRED 1991)

new méxico board of legal apecialization Récognized specialist in the Area of Natural resources-oil and gas law

February 14, 2001

Via Facsimile

TELEPHONE (505) 982-4285

TELERAX (508) 982-2047

Oil Conservation Division 1220 South St. Francis Santa Fe, New Mexico 87504

Attn: Mr. Michael E. Stogner

Re: **NOTICE OF OBJECTION:**

Nearburg Exploration Company, L.L.C. Administrative Application to NMOCD for Approval of Two Non-Standard 160-acre Gas Proration and Spacing Units NE/4 and SE/4, Section 34, T21S, R34E, NMPM, East Grama Ridge-Morrow Gas Pool, Lea County, New Mexico

Dear Mr. Stogner:

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We request that this matter be set for hearing and that I on behalf of Redrock Operating Inc. be provided notification of the hearing in accordance with Division notice rules.

cfx: William F. Carr, Esq.

Attorney for Nearburg Exploration, L.L.C. Commissioner of Public Lands State of New Mexico Attn: Jeff Alpers

Redrock Operating Ltd. Co.

Mark L. Stanger Attn: Tim Cashon

W THOMAS KELLAHIN"

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

IIT NORTH FUADALUPE
POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (SOS) 982-4285 Telephone (SOS) 982-2047

NEW MEXICO BOARD OF LEGAL SPECIALIZATION RECOGNIZE: SPECIALIST IN THE AREA OF NATURAL BY COURSESHOT AND GAS LAW

CLASON KELLAHIN TRETIRED 1991

February 14, 2001

Via Facsimile

Oil Conservation Division 1220 South St. Francis Santa Fe. New Mexico 87504 Attn: Mr. Michael E. Stogner

Re: NOTICE OF OBJECTION:

Nearburg Exploration Company, L.L.C.
Administrative Application to NMOCD
for Approval of Two Non-Standard 160-acre
Gas Proration and Spacing Units
NE/4 and SE/4, Section 34, T21S, R34E, NMPM,
East Grama Ridge-Morrow Gas Pool, Lea County, New Mexico

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W. Thomas Kellahin

cfx: William F. Carr, Esq.

Attorney for Nearburg Exploration, L.L.C.
Commissioner of Public Lands State of New Mexico

Attn: Jeff Alpers Redrock Operating Ltd. Co.

Attn: Mark L. Stanger Tim Cashon

5059822047

11:40 pm 2-14-01

Voice Mail message

Michael Feldewert

Re: 1-8-01 Adm. Appl. for 2 NSP's

- have browle finding / setting
approval do a royalty owner

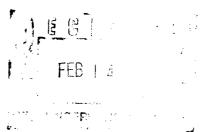
- will set this matter for
heaving

Redrock Operating Ltd. Co.

122 Allencrest Coppell, TX 75019 (972)-393-6945

February 12, 2001

Mr. Mike Stogner
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



Case 12622

Re:

Application of Nearburg Exploration, L.L.C. for Administrative Approval of Two Non-Standard 160-acre Gas Well Spacing Units in the E/2 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico

Dear Mr. Stogner,

On or about January 29, 2001, Redrock Operating Ltd. Co. ("Redrock") received notice of the above referenced application from Nearburg Exploration Co. ("Nearburg"). Please be advised that Redrock intends to oppose this application and consequently the creation of two separate units in the E/2 of Section 34, Township 21 South, Range 34 East. Redrock owns an Overriding Royalty Interest in the SE/4 of Section 34, that would be adversely impacted by a change in the current unit configuration.

Contrary to Nearburg's assertion that their application will protect the correlative rights of all interested parties, Redrock would be precluded from participating in production from the NE/4 of Section 34. The working interest owners and other interests in the NE/4 shared in the opportunity to develop the production established by the Llano 34 State Com #1 well located in the SE/4. Therefore, interests in the SE/4 should be afforded the same opportunity to share in the production from the Nearburg - Grama East 34 well in the NE/4.

The existing unit and the OCD's past practices of providing for alternative unit wells will prevent waste and will protect the correlative rights of all parties. Past OCD practices have provided for infill drilling by methods other than reconfiguring existing units. Redrock sees no reason to make an exception to these past practices in this particular case.

Please advise me on any additional information that you may need from Redrock. Thank you for your consideration and I look forward to hearing from you on this matter soon. You can reach me at (214) 382-0234 during normal working hours.

Very Truly Yours,

Moch 2 Stanger
Mark L Stanger
Vice President

2



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

February 5, 2001

Lori Wrotenbery
Director
Oil Conservation Division

Nearburg Exploration Company, L.L.C. c/o Holland & Hart LLP and Campbell & Carr P. O. Box 2208 Santa Fe, New Mexico 87504-2208

Case 12622

Attention:

Michael H. Feldewert

Re:

Administrative application for an exception to the spacing provisions of Division Rule 104C (2), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-morrow Gas Pool comprising: (i) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico, to be dedicated to a well to be operated by Nearburg Producing Company; and (ii) the SE/4 of Section 34 to be dedicated to a well to be operated by EOG Resources, Inc.

Dear Mr. Feldewert:

Reference is made to the subject application submitted on January 8, 2001 and our meeting on Wednesday, January 24, 2001 in the Division's new offices in Santa Fe. To date I have not received any information concerning the identity of the working and overriding royalty interests within both 160-acre units. To complete this application identify by name, address, and percentage of ownership, all: (i) working interest; and (ii) over-riding royalty interest, within both 160-acre tracts and, pursuant to Division Rule 1207.A (3), please provide the necessary documentation that adequate notice was proved these parties.

Also, I need to reference within any order issued by the Division the wells in which both units are to be dedicated. Please provide copies of the complete well file on each well. Thank you for your cooperation in this matter.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc:

New Mexico Oil Conservation Division - Hobbs

New Mexico State Land Office - Santa Fe

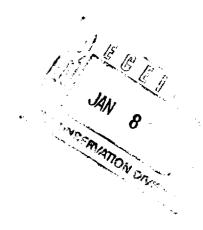
NSP //29/

HOLLAND & HART LLP CAMPBELL & CARR ATTORNEYS AT LAW

DENVER • ASPEN
BOULDER • COLORADO SPRINGS
DENVER TECH CENTER
BILLINGS • BOISE
CHEYENNE • JACKSON HOLE
SALT LAKE CITY • SANTA FE
WASHINGTON, D.C.

P.O. BOX 2208 SANTA FE, NEW MEXICO 87504-2208 110 NORTH GUADALUPE, SUITE 1 SANTA FE, NEW MEXICO 87501 TELEPHONE (505) 988-4421 FACSIMILE (505) 983-6043

January 8, 2001



HAND-DELIVERED

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Application of Nearburg Exploration Company, L. L. C. for Administrative Approval of Two Non-Standard 160 Acre Gas Well Spacing Units in the E/2 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico

Dear Ms. Wrotenbery:

Nearburg Exploration Company, L. L. C. hereby seeks administrative approval pursuant to the provisions of Division Rule 104.D(2)(b) to form:

Two non-standard 160 acre gas spacing and proration units in the East Grama Ridge-Morrow Gas Pool comprised of the NE/4 and the SE/4 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

The following attachments are provided with this application:

Attachment A is a plat showing the Morrow ownership in said Section 34 and demonstrating that the proposed NE/4 and SE/4 gas spacing and proration units are comprised of contiguous quarter sections that lie wholly within a single governmental half section.

Attachment B is a waiver letter from EOG Resources, Inc., the only party affected by this application.

Attachment C is a 1979 amended Well Location and Acreage Dedication Plat showing that the W/2 of said Section 34 is devoted to the Grama Ridge Morrow Unit Well No. 2 and therefore not affected by this application.

Lori Wrotenbery January 8, 2001 Page 2

Since state leases are involved, attachment D is a certified letter to the New Mexico State Land Office advising them of this application.

Two Morrow gas pools are located in said Section 34: The W/2 of Section 34 is part of the Grama Ridge-Morrow Gas Pool and the E/2 of Section 34 is part of the East Grama Ridge-Morrow Gas Pool. The existence of two pools in said Section 34 is the result of the Division's finding that the Grama Ridge-Morrow Gas Pool is located "within an upthrust fault block bounded to the west by a northeast - southwest trending fault and on the east by a north-south trending fault." See Division Order No. R-5995 (entered May 2, 1979) (said order is also referenced at the bottom of Attachment C).

In January of 1999, the New Mexico State Land Office cancelled Lease No. K-3592 for the N/2 of said Section 34 for non-payment of rental. The State subsequently leased the N/2 of Section 34 to Nearburg under Lease No. V-5683. On February 28, 2000, the Division approved a drilling permit which dedicated the N/2 of Section 34 to Nearburg's East Grama Ridge Morrow State 34 No. 1 Well located in the NE/4 of Section 34. See Attachment E.

After Nearburg drilled and completed this well, the Division's Hobbs office informed Nearburg that a change in the acreage dedicated to Nearburg's well is necessary because (a) there are separate Morrow pools in the W/2 and E/2 of Section 34, (b) the W/2 of Section 34 is already devoted to the Grama Ridge Morrow Unit Well No. 2, and (c) the E/2 of Section 34 is presently devoted to the Llano 34 State Com #1 Well, located in the SE/4 of Section 34 (Unit I). The Llano 34 State Com #1 Well was drilled in 1979 under a communitization agreement with the state and is presently shutin. EOG Resources, Inc. is the successor operator to this well.

As a result of these events, the respective acreage positions of Nearburg and EOG Resources, and their right to produce gas from the E/2 of Section 34, is in question. The operators in the E/2 of Section 34 desire to resolve these issues and protect their correlative rights. The creation of two non-standard gas spacing and proration units in Section 34 will clarify their respective acreage positions and right to produce gas from the East Grama Ridge-Morrow Gas Pool underlying the E/2 of Section 34 from their respective wells.

The granting of this application under this unique set of circumstances will protect the correlative rights of all interest owners in Section 34, will not cause waste, will avoid litigation and administrative hearings over the rights of the interest owners to develop the reserves under the E/2 of Section 34, accommodate the Divisions' desire to re-dedicate acreage to Nearburg's well in the NE/4 of Section 34, and provide EOG the opportunity to produce their well in the SE/4 of said Section 34 in the Morrow formation.

Lori Wrotenbery January 8, 2001 Page 3

Since all of the interest owners in the E/2 of Section 34 support this application, there are no affected parties to whom notice of this application needs to be provided.

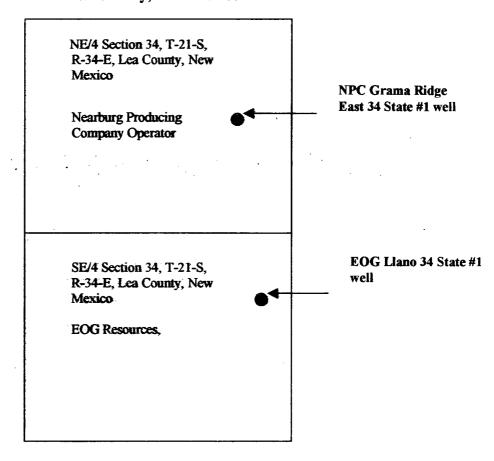
A proposed form of order is also enclosed.

Very truly yours,

Michael H. Feldewert

MHF/ras Enclosure

E/2 of Section 34, T-21-S, R-34-E Lea County, New Mexico



SHERIDAN, P.A.

MICHAEL & CAMPBELL
WILLIAM F CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
MICHAEL H. FELDEWERT
TANYA M. TRUJILLO
ROBERT J SUTPHIN, JR
JACK M. CAMPBELL
19:6-1929

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208

SANTA FE, NEW MEXICO 87504-2208
TELEPHONE. (505) 988-4421
FACSIMILE: (505) 983-6043

E-MAIL: law@wastofpecos.com

December 15, 2000

Mr. Steve Smith EOG Resources, Inc. 4000 N. Big Spring, Suite 500 Midland, Texas 79705

Re: Application of Nearburg Exploration Company, L. L. C. for Administrative Approval of Two Non-Standard 160 Acre Gas Well Spacing Units In The E/2 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

Dear Mr. Smith:

Nearburg Exploration Company, L.L.C. intends to file the attached administrative application and proposed order with the Santa Fe office of the New Mexico Oil Conservation Division pursuant to the provisions of Division Rule 104.D(2)(b) seeking approval to form:

Two non-standard 160 acre gas spacing and proration units in the East Grama Ridge-Morrow Gas Pool comprised of the NE/4 and the SE/4 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

I understand that you have been in contact with Bob Shelton, head of Nearburg's land department, about this application.

As the interest owner in the SE/4 of the said Section 34, please indicate your support for these non-standard gas spacing and proration units by signing below and returning a signed copy of this letter to this office in the self-addressed stamped envelope so that it may be included with Nearburg's application.

RECEIVED

DEC 19 2000

LAND DEPT.

Mr. Steve Smith EOG Resources, Inc. December 15, 2000 Page 2

Your prompt attention to this matter is appreciated.

Very truly yours,

Michael H. Feldewert

WFC/ras

EOG Resources, Inc. hereby waives objection to creation of the two non-standard gas spacing and proration units identified above.

William R. Thomas, Sr. Vice-President (title)

FORM C-128 Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE									
				CTIO					
Operator	T			Cuam	Dides No		· · · · · · · · · · · · · · · · · · ·	Well No.	
Llano,		T			Ridge Mo		Ι τ	2	
Unit Letter L	Section 34	Township 21 Sou	th	Range 34	East	County	Lea		
Actual Footage Lo 1980		outh	line and	660	feet	t from the	West	line	
Ground Level Elev	. Producing For		Po	ol			. ,	Dedicated Acrease	2:
3641		Morrow		Gran	a Ridge M	orrow (ias)	320	Acres
I. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YESNO _X ("Ouner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.) If the answer to question one is "ao," have the interests of all the owners been consolidated by communicization agreement or otherwise? YES _X NO If answer is "yes," Type of Consolidation Unit Agreement B. If the answer to question two is "no," list all the owners and their respective interests below: Owner									
						<u> </u>			·····
		SECTION	1 B				7	CERTIFICATION	
								CERTITION	
L7.	3592 ano et al (WI ate (1/8 Roya			·		· · ·	in SECTI plete to the belief	certify that the info ON A above is true the best of my know ONO Clark Claar	and com-
			r Luc				Company Llar	Pet. & N.G. no, Inc. 2, 1979	Engr.
L1	9659 ano (WI) ate (1/8 Roya	lty)				·	shows on plotted fro surveys m supervision	ertify that the well the plat in SECTIO om field notes of ac ade by me or under on, and that the sam ct to the best of my	N B was tual my ne is true
pool limits	t submitted d and changing	pool nul	es to 320	R-59 acre	spacing.	cting	and/or La	-65 d Professional Eng ad Surveyor . Chapman, Jr	

HOLLAND & HART LLP CAMPBELL & CARR ATTORNEYS AT LAW

DENVER · ASPEN
BOULDER · COLORADO SPRINGS
DENVER TECH CENTER
BILLINGS · BOISE
CHEYENNE · JACKSON HOLE
SALT LAKE CITY · SANTA FE
WASHINGTON, D.C.

P.O. BOX 2208

SANTA FE, NEW MEXICO 87504-2208

110 NORTH GUADALUPE, SUITE 1

SANTA FE, NEW MEXICO 87501

TELEPHONE (505) 988-4421 FACSIMILE (505) 983-6043

January 8, 2001

CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Bruce Frederick Associate Counsel New Mexico State Land Office Legal Division Post Office Box 1148 Santa Fe, New Mexico 87504-1148

Re: Application of Nearburg Exploration Company, L. L. C. for Administrative Approval of Two Non-Standard 160 Acre Gas Well Spacing Units In The E/2 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

Dear Mr. Frederick:

Enclosed please find the above referenced application filed with the New Mexico Oil Conservation Division. You are being notified because the application involves lands leased by the State of New Mexico.

Pursuant to Division Rule 104.D(2), if the State Land Office has an objection to this application, that objection must be filed in writing within 20 days from the date the Division receives the application. The Director may approve the application upon receipt of waivers from all the notified persons, or if no person has filed an objection within the 20 day period.

Sincerely,

Michael H. Feldewert

MHF/ras
Enclosure

NEHRBUKG MIDLHNU

(MARKET | PO 871: 1988, Habbs, NM 86241-1999

District III 1000 Rio Briggs Rd., Aziec, NM 97410

2040 South Pacheos, Sante Fe, NM \$7505

District II 811 South First, Artesia, HM 86210

Fax:915-686-7805

May 10 '00

10:52

P. U4

Form C-101

Revised October 18, 1994

instructions on back Submit to Appropriate District Office

State Lease - 6 Copies Fee Lease - 5 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, NM 875

State of New Mexico

Energy, Minerals & Natural Resources Department

505 AMENDED REPORT	
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APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE Operator Name and Address **rOGRID Number Nearburg Producing Company** 015742 API Number

3800 N Å St., Bldg 2, Suite 120 Midland, TX 79705 30-025-34942 Property Code Property Name «Well No. Grama Ridge East 34 State 1

Surface Location

UL or lat no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	EastWest Line	County
Н	34	21\$	34E		1548	North	990	East	Lea

.Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West Line	County
	<u> </u>	»Proposed	Pool 1				10P1000\$	ed Pool 2	
Grama Ridge Morrow, East							•		

nWork Type Code N	₁₂Well Type Code G	i∋Cable/Rotary R	i Lease Type Code S	Ground Level Elevation 3689
«Multiple	inProposed Depth	, isFormation	+eContractor	eSpud Date
No	13700	Marrow	Patterson	03-05-00

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	1300	800 sxs	Circ to surface
12-1/4"	9-5/8"	24# & 32#	5700	2000 sxs	Circ to surface
8-3/4"	5-1/2"	17# & 20#	13700	1500 axs	
			· · · · · · · · · · · · · · · · · · ·		

²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowbut prevention program, If any. Use additional sheets if necessary.

Propose to drill the well to sufficient depth to evaluate the Morrow formation. After reaching TD, logs will be run and casing set if the evaluation is positive. Perforate, test and stimulate as necessary to establish production.

Acreage dedication is 320 acres; N/2 of Section 34.

Permit Expired 1 Year From Approval Date Unless Drilling Underway

pi hereby i best of my	certify that the information given whether and belief.	ven above is true and complete to the		OIL CONSER	RVATION DIVISION	
Signature:	Kim 54	evant	Approved By	102123 To	ey av Z	
Printed ru	Kim Stewart		Title:	३ डि.उ.स् ३ ३.	II	
Title: Re	gulatory Analyst		Approvat Derap	28 2000	Expiration Date:	
Date:	02-23-00	Prone: 915/686-8235	Conditions of Ag Attached:	oproval:		

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Fax:915-686-7806

May 10 '00 10:52

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State of New Mexico D'STRICT I

Baccar, Masquis and Natural Resources Department

Foe Lance - 5 Coules

DISTRICT II P.A. Brown 35, Artesia, 856 mail-0719

DISTRICT III 1960 Me Branco Bd., Artes, Wit 87416

DISTRICT IV P.O. DOE MAN, MATTE FR. Y.M. STORE-MAN

320

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

O AMENDED REPORT

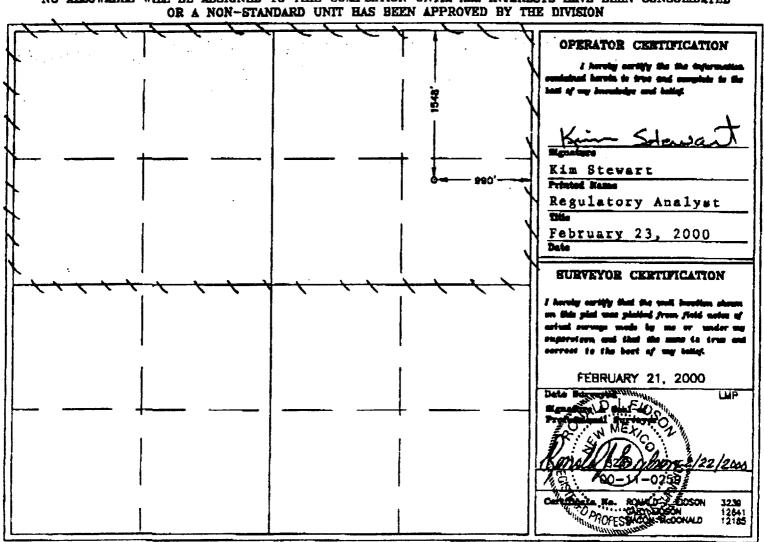
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Peol Code	Pool Name
30-025-34948	77690	Gramu Ridge Morrow, East
Property Code 25382		rty Name Yell Humber E EAST 34 ST. 1
OCIND No. 15742	Open	ter Name DUCING COMPANY 3689

Surface Location

UL or lot No.	Section 34	Towaship 21 S	34 E	įst ida	1548	NORTH	990	EAST	LEA
Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the Zest/Vest line County									
Dedicated Acre	s Joint o	r infill Co.	nealidation :	Cede Or	der Ko.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED



Nearburg Exploration Company, L.L.C. c/o Holland & Hart LLP and Campbell & Carr Post Office Box 2208
Santa Fe, New Mexico 87504-2208

Attention: Michael H. Feldewert



Administrative Order

Dear Mr. Feldewert:

Reference is made to your application dated January 8, 2001 for the following non-standard gas spacing and proration units:

Two non-standard 160 acre gas spacing and proration units in the East Grama Ridge-Morrow Gas Pool comprised of the NE/4 and the SE/4 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

These proposed non-standard gas spacing and proration units in said Section 34 are comprised of contiguous quarter sections that lie wholly within a single governmental half section. Each of the affected interest owners in said Section 34 support this application.

By Division Order No. R-4491, dated March 16, 1973, the Division authorized the injection of gas for storage into specified intervals in the Grama Ridge Morrow Gas Pool in the State GRA Well No. 1 located in Unit E of Section 3, T-22-S, R-34-E and in the State GRB Well No. 1 located in Unit L of said Section 34.

By Division Order No. R-5995, dated May 2, 1979, the Division found that the Grama Ridge-Morrow Gas Pool is located "within an upthrust fault block bounded to the west by a northeast southwest trending fault and on the east by a north-south trending fault." On May 2, 1979, the Division also approved an amended Well Location And Acreage Dedication Plat dedicating the W/2 of said Section 34 to the State GRB Well No. 1 (now known as the Gramma Ridge Morrow Unit Well No. 2). By Division Order No. R-6050, dated July 17, 1979, the Division created the East

Nearburg Exploration Company, L.L.C.
________, 2001
Page 2

Grama Ridge-Morrow Gas Pool. Today, the W/2 of said Section 34 is part of the Grama Ridge-Morrow Gas Pool and the E/2 of said Section 34 is part of the East Grama Ridge-Morrow Gas Pool.

In January of 1999, the New Mexico State Land Office cancelled Lease No. K-3592 for the N/2 of said Section 34 for non-payment of rental. The State subsequently leased the N/2 of said Section 34 to Nearburg under Lease No. V-5683. On February 28, 2000, the Division approved a drilling permit which dedicated the N/2 of said Section 34 to Nearburg's East Grama Ridge Morrow State 34 No. 1 Well located in the NE/4 of said Section 34. Nearburg has drilled and successfully completed said well.

The Division's Hobbs office has subsequently informed Nearburg that a change in the acreage dedicated to Nearburg's well in the NE/4 of said Section 34 is necessary because (a) there are separate Morrow pools in the W/2 and E/2 of Section 34, (b) the W/2 of Section 34 is already devoted to the Grama Ridge Morrow Unit Well No. 2, and (c) the E/2 of Section 34 is presently devoted to the Llano 34 State Com #1 Well, located in the SE/4 of Section 34 (Unit I). The Llano 34 State Com #1 Well was drilled in 1979 under a communitization agreement with the state and is presently shut-in. EOG Resources, Inc. is the successor operator to this well.

As a result of these events, the respective acreage positions of Nearburg and EOG Resources, and their right to produce gas from the E/2 of Section 34, is in question. The operators in the E/2 of Section 34 agree that the creation of the two non-standard spacing units proposed by Nearburg will clarify their acreage positions and right to produce gas from the East Grama Ridge Morrow Gas Pool. The State Land Office has also been notified of this application and submitted no objection.

The granting of this application under this unique set of circumstances will protect the correlative rights of all interest owners in said Section 34, will not cause waste, will avoid litigation and administrative hearings over the rights of the interest owners to develop the reserves under said Section 34, accommodate the Divisions' desire to re-dedicate acreage to Nearburg's well in the NE/4 of said Section 34, and provide EOG the opportunity to produce their well in the SE/4 of said Section 34 in the Morrow formation.

By authority granted me under Division Rule 104.D(2)(b), the following non-standard gas spacing and proration units are hereby approved:

Two non-standard 160 acre gas spacing and proration units in the East Grama Ridge-Morrow Gas Pool comprised of the NE/4 and the SE/4 of Section 34, Township 21 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

Because of the unique circumstances presented by this matter, this administrative approval shall not be cited as precedent.

Nearburg Exploration Company, L.L.C.
, 2001
Page 3

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

Lori Wrotenbery Director



State of New Mexico Commissioner of Public Lands

RAY POWELL, M.S., D.V.M. COMMISSIONER

310 OLD SANTA FE TRAIL P.O. 80X 1148
SANTA FE, NEW MEXICO 57604-1148

Legal Division (505) 827-5713 Fax (605) 827-4282

January 23, 2001

Michael H. Feldewert, Esq. Holland and Hart LLP P.O. Box 2208 Santa Fe, New Mexico 87501

Re:

Non-Standard Proration Unit Proposal

NE4 & SE4 (Respectively)

Section 34-21S-34E Lea County, New Mexico

Dear Mr. Feldewert:

The New Mexico State Land Office hereby withdraws its objection to the creation of two non-standard 160-acre gas spacing and proration units in the Grama Ridge Morrow, East Gas pool. The creation of this non-standard unit is in the best interest of the state's trust beneficiaries, but only because of the unique geology and other special circumstances. However, the other administrative issues raised in Mr. Jeff Albers' letter, dated January 10, 2001, still need to be addressed.

Case 12622

If you have any questions, please do not hesitate to call me.

Sincerely.

Bruce Frederick

Associate Counsel, NMSLO

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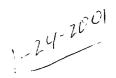
Mike Stogner, OCD

NEW MEXICO STATE LAND OFFICE OFFICE OF THE GENERAL COUNSEL

Phone: (505) 827-5713; FAX: (505) 827-4262 310 Old Santa Fe Trail P.O. Box 1148 Santa Fe, NM 87504

The information in this communication is attorney privileged and confidential materials, intended only for the recipient named below. If the reader is not the intended recipient, or an employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any distribution, dissemination, or copy of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately at (505) 827-5713 and return the original to us via U.S. Mail. Thank you.

DATE: 1/23/01 SENT BY: Bom	
TO: Michael Feldewert, Esq	
FIRM: Halland and Hart LCP	
FAX NO.: 983-6043	
FROM: Bruce Frederick	Number of
pages transmitted (including cover) Z. If you do not receive all pages or there is	
please call.	
MESSAGE:	
Privileged and confidential material, if checked	
Originals of this document will be:sent by regular mail;sent by FedEx;	
will not be sent;	
other.	
Confirm receipt of transmittal:Yes;No.	



Nearburg Exploration Company, L.L.C. c/o Holland & Hart LLP and Campbell & Carr Post Office Box 2208
Santa Fe, New Mexico 87504-2208

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Nearburg Exploration Company, L.L.C.
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Nearburg	Exploration Company, L.L.C	J.
	, 2001	
Page 3		

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

Lori Wrotenbery Director COMMISSIONER'S OFFICE Phone (505) 827-5760 Fax (505) 827-5766

ADMINISTRATION Phone (505) 827-5700 Fax (505) 827-5853

GENERAL COUNSEL Phone (505) 827-5713 Fax (505) 827-4262

PUBLIC AFFAIRS Phone (505) 827-1245 Fax (505) 827-5766 1-24-2001

COMMERCIAL RESOURCES Phone (505) 827-5724 Fax (505) 827-6157

MINERAL RESOURCES Phone (505) 827-5744 Fax (505) 827-4739

ROYALTY MANAGEMENT Phone (505) 827-5772 Fax (505) 827-4739

SURFACE RESOURCES Phone (505) 827-5793 Fax (505) 827-5711

New Mexico State Land Office Commissioner of Public Lands Ray Powell, M.S., D.V.M.

January 10, 2001

Holland and Hart LLP Campbell and Carr, Attorneys at Law Post Office Box 2208 Santa Fe, New Mexico 87501

Attn:

Michael H. Feldewert

Re:

Non-Standard Proration Unit Proposal

NE4 & SE4 (Respectively)

Section 34, Township 21 South, Range 34 East

Lea County, New Mexico

Dear Mr. Feldewert:

We received your January 8, 2001 letter requesting approval from the Commissioner of Public Lands for two separate proration units for the NE4 and SE4 of said Section 34 for the Grama Ridge Morrow, East Gas pool. We are familiar with the distinction of this pool from that of the Grama Ridge Morrow Gas pool underlying the W2 of said Section 34. However, we would like to clarify a couple of points that were misstated in your letter.

Great Western Drilling Company is the lessee of record for the N2 of Section 34, not Nearburg Producing Company as you stated. However, we do concur that Nearburg Producing Company has obtained operating rights for the Morrow in this lease. In addition, we do not recognize EOG Resources as the operator of record for the Llano 34 State Com Well No. 1. Pecos River Operating, Inc. is the operator of record for this well. The Llano 34 State Com Well No. 1 has an E2 dedication in said Section 34 to the Grama Ridge Morrow, East Gas pool. We understand the error regarding a N2 dedication to the Nearburg well that was drilled in the NE4 of Section 34, and concur that an E2 dedication was necessary due to the differing Morrow Gas pools segregated by the North to South trending fault through the middle of Section 34.

Our concern has been and remains, that an E2 dedicated Grama Ridge Morrow, East Gas well already exists in Section 34, although inactive. Upon the presence of the Nearburg well in the NE4 of Section 34, and with an E2 dedication, we assumed that they would obtain operating rights to the Llano 34 State Com Well No. 1 and possibly produce both wells within the E2. Or, that Pecos River Operating, Inc. would be required to plug the Llano 34 State Com Well No.1. Regardless, two separate operators within the same pool and proration unit can not be allowed.

We understand the desire of your client to operate and produce separately within Section 34, thus the necessity of the quarter section proration units. However, we concur with the current rules, regulations, and spacing requirements affecting the Grama Ridge Morrow, East Gas pool established by the New Mexico Oil Conservation Division. We believe that 320 acre spacing is correct and justified for this pool.

Therefore, please be informed that a recommendation for a waiver of objection from the Commissioner of Public Lands will not be made.

If you care to discuss this further, please contact Jeff Albers at (505) 827-5759.

Sincerely,

JAMI BAILEY, Director Oil, Gas & Minerals Division

(505) 827-5744

JB/ja

Xc: New Mexico Oil Conservation Division

2040 South Pacheco

Santa Fe, New Mexico 87505 Attn: Mr. Michael Stogner

January 10, 2001

Case 12622

Holland and Hart LLP Campbell and Carr, Attorneys at Law Post Office Box 2208 Santa Fe, New Mexico 87501

Attn:

Michael H. Feldewert

Re:

Non-Standard Proration Unit Proposal

NE4 & SE4 (Respectively)

Section 34, Township 21 South, Range 34 East

Lea County, New Mexico

Dear Mr. Feldewert:

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Sincerely,

JAMI BAILEY, Director Oil, Gas & Minerals Division (505) 827-5744

JB/ja

Xc: New Mexico Oil Conservation Division

2040 South Pacheco

Santa Fe, New Mexico 87505 Attn: Mr. Michael Stogner

Stogner, Michael

From:

Albers, Jeff

Sent:

Thursday, January 18, 2001 11:54 AM

To:

Stogner, Michael

Hi Michael,

I wanted to ask you what your position is on the Nearburg & EOG NSL deal for the NE4 & SE4 of 34 in 21S 34E?

It doesn't matter much to us, \$ wise, but I hear through our attorneys they are really pushing this. I guess Nearburg and EOG want to do there own thing?

What are your thoughts on this ? I hope you received my initial letter and/or e-mail on this subject.

Jeff



State of New Mexico Commissioner of Public Lands

RAY POWELL, M.S., D.V.M. COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

Legal Division (505) 827-5713 Fax (505) 827-4262

January 23, 2001

Michael H. Feldewert, Esq. Holland and Hart LLP P.O. Box 2208 Santa Fe, New Mexico 87501

Re:

Non-Standard Proration Unit Proposal

NE4 & SE4 (Respectively)

Section 34-21S-34E

Lea County, New Mexico

Dear Mr. Feldewert:

The New Mexico State Land Office hereby withdraws its objection to the creation of two non-standard 160-acre gas spacing and proration units in the Grama Ridge Morrow, East Gas pool. The creation of this non-standard unit is in the best interest of the state's trust beneficiaries, but only because of the unique geology and other special circumstances. However, the other administrative issues raised in Mr. Jeff Albers' letter, dated January 10, 2001, still need to be addressed.

If you have any questions, please do not hesitate to call me.

Sincerely,

Bruce Frederick

Associate Counsel, NMSLO

pc:

Mike Stogner, OCD

Stogner, Michael

From:

Albers, Jeff

Sent:

Monday, January 22, 2001 9:56 AM

To:

Stogner, Michael

Subject:

RE: NSP proposal for Nearburg and EOG

Our attitute is not lethargic at all. That's why the initial letter. And we are not setting a precedent here. As always, case by case is the way to look at it. There's more to this than meets the eye, and if you know about the Grama Ridge Morrow and Grama Ridge Morrow, East pool(s) then you'll see where things got messed up. It all has to do with the Grama Ridge Gas Storage Unit, and the initial approval of the N2 of Sec. 34 spacing for the newly drilled Nearburg well? Now it's E2 after this pool differentiation was rediscovered. N2 of Sec. 34 is the same owner. E2 is not.

I may not be aware of such proposals like this as they occur, and I appreciate your help in this and all cases, but in the situation you chose for an example, I will catch it eventually and I will act accordingly. You're not aware of "our" statutory provisions. We've got more authority than you realize. The state owned 1/4 section will get tested within a reasonable amount of time, or the lease terminated. Or compensatory royalty will be paid. We do it all the time in examples like this.

----Original Message----

From: Stogner, Michael

Sent:

Friday, January 19, 2001 4:26 PM

To:

Albers Jef

Subject:

RE: NSP proposal for Nearburg and EOG

Don't like the sound of this already. Stands to set bad presidents. The land office should reconsider its lethargic attitude towards such proposals. Consider this, say in some 320-acre 1/2 section somewhere out there, one of the 1/4 sections is federal and the other 1/4 section is state land. The first well is drilled on federal land and is good. What obligation would the operator (which could even be the same) of the State acreage have to even test the other 1/4 section. You probably would not even be aware of such proposal. Especially if "I" was not here to catch such matter and my replacement or worst, my supervisor, would probably not even care. Food for thought....not good....

From: Albers, Jeff

Sent:

Friday, January 19, 2001 1:32 PM

To: Stogner, Michael

Subject:

NSP proposal for Nearburg and EOG

Mike, the attached letter is what I was talking about. I sent it to you last week regarding Mike Feldewert's proposal on behalf of Nearburg and EOG.

We initially objected to this basically to stick to conventional spacing rules as you and I have discussed in the past. However, a standard 320 or two 160 proration units really do not make any difference to us, (\$) royalty wise. They are persistent in wanting to do this and Feldewert said he has talked with you about it and that you are not in opposition to it?

I just wanted to know your stance on this first hand.

<< File: Grama-Ridge.doc>>

Sent: Friday, January 19, 2001 1:32 PM **To:** Stogner, Michael

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<<File: Grama-Ridge.doc>>

January 10, 2001

Holland and Hart LLP Campbell and Carr, Attorneys at Law Post Office Box 2208 Santa Fe, New Mexico 87501

Attn: Michael H. Feldewert

Re: Non-Standard Proration Unit Proposal

NE4 & SE4 (Respectively)

Section 34, Township 21 South, Range 34 East

Lea County, New Mexico

Dear Mr. Feldewert:

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JB/ja

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Santa Fe, New Mexico 87505 Attn: Mr. Michael Stogner

January 10, 2001

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If you care to discuss this further, please contact Jeff Albers at (505) 827-5759.

Sincerely,

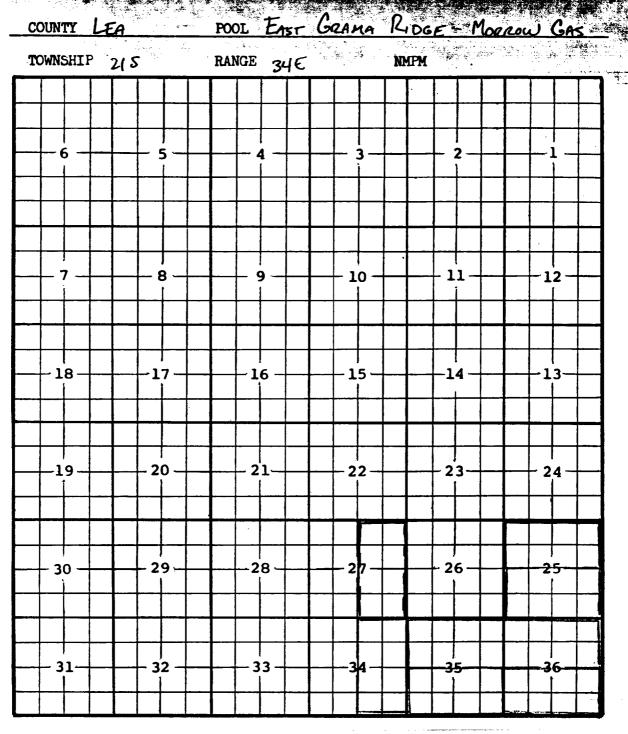
JAMI BAILEY, Director Oil, Gas & Minerals Division (505) 827-5744

JB/ja

Xc: New Mexico Oil Conservation Division

2040 South Pacheco

Santa Fe, New Mexico 87505 Attn: Mr. Michael Stogner



DESCRIPTION: \$12 SEC 35 (R-6050 7-17-79) Ext: 1/2 Sec. 35 1/2 Sec	.36
(R-6170, 11-1-19) Exr: 1/2 Sec. 34 (R-6211, 12-31-79) Exr= 1/2 Sec. 36 (x+: 5/2 Sec 25 (R-665) - 4-20-81) Ex+: N/2 Sec. 25 (R-8024, 8-30-85)	R-6420, 8-1-80
x+: 3/2 Sec 25 (R-6657 - 4-20-81) Ex+: N/2 Sec. 25 (R-8024, 8-30-85)	
EXT. E/2 SEC 27 (R-9472, 4-1-91)	
	-
	
	

Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD
INQUIRE LAND BY SECTION

02/05/01 12:59:45

OGOMES -TQAS

PAGE NO: 1

Sec : 34 Twp : 21S Rng : 34E Section Type : NORMAL

D	C	В	A
40.00	40.00	40.00	40.00
CS	CS	CS	CS
V05683 0000	V05683 0000	V05683 0000	V05683 0000
GREAT WESTERN DRI	GREAT WESTERN DRI	GREAT WESTERN DRI	GREAT WESTERN DR
R 01/01/05	R 01/01/05	R 01/01/05	R 01/01/05
E	F	G	Н Н
40.00	40.00	40.00	40.00
CS	CS	CS	CS
V05683 0000	V05683 0000	V05683 0000	V05683 0000
GREAT WESTERN DRI	GREAT WESTERN DRI	GREAT WESTERN DRI	GREAT WESTERN DR
R 01/01/05	R 01/01/05	R 01/01/05	R 01/01/05
			A
F01 HELP PF02	PF03 EXIT P	F04 GoTo PF05	PF06
F07 BKWD PF08 FW	D PF09 PRINT PI	F10 SDIV PF11	PF12

Date: 2/5/2001 Time: 01:23:08 PM

CMD: 02/05/01 12:59:53

Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

02/05/01 12:59:53

OGOMES -TQAS

PAGE NO: 2

Sec : 34 Twp : 21S Rng : 34E Section Type : NORMAL

L	K	J	I
40.00	40.00	40.00	40.00
CS	CS	CS	CS
E09659 0000	E09659 0000	E09659 0000	E09659 0000
CHEVRON U S A INC	CHEVRON U S A INC	CHEVRON U S A INC	CHEVRON U S A IN
R 12/20/65	R 12/20/65	R 12/20/65	R 12/20/65
A	1		A
M	 N	0	 P
40.00	40.00	40.00	40.00
CS	CS	CS	CS
E09659 0000	E09659 0000	E09659 0000	E09659 0000
CHEVRON U S A INC	CHEVRON U S A INC	CHEVRON U S A INC	CHEVRON U S A IN
R 12/20/65	R 12/20/65	R 12/20/65	R 12/20/69
F01 HELP PF02	PF03 EXIT PE	F04 GoTo PF05	PF06
707 BKWD PF08 FWI	D PF09 PRINT PF	F10 SDIV PF11	PF12

Date: 2/5/2001 Time: 01:23:12 PM

Page: 1 Document Name: untitled

CMD :

ONGARD

02/05/01 13:00:13

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TQAS

API Well No : 30 25 34948 Eff Date : 03-07-2000 WC Status :

Pool Idn : 77690 GRAMA RIDGE; MORROW, EAST (GAS)

OGRID Idn : 15742 NEARBURG PRODUCING CO

Prop Idn : 25382 GRAMA RIDGE EAST 34 STATE

Well No : 001 GL Elevation: 3689

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : H 34 21S 34E FTG 1548 F N FTG 990 F E A

Lot Identifier: Dedicated Acre: Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 2/5/2001 Time: 01:23:39 PM

Page: 1 Document Name: untitled

CMD :

ONGARD

02/05/01 13:00:37

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TQAS

Pool Idn : 77690 GRAMA RIDGE; MORROW, EAST (GAS)

OGRID Idn : 17081 PECOS RIVER OP INC Prop Idn : 23260 LLANO 34 STATE COM

Well No : 001 GL Elevation: 3651

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : I 34 21S 34E FTG 1650 F S FTG 660 F E A

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 2/5/2001 Time: 01:23:58 PM

Page: 1 Document Name: untitled

ONGARD 02/05/01 13:00:48 CMD : C102-DEDICATE ACREAGE OG6ACRE OGOMES - TOAS

Page No: 1

API Well No : 30 25 26318 Eff Date : 04-30-1991 Pool Idn : 77690 GRAMA RIDGE; MORROW, EAST (GAS)
Prop Idn : 23260 LLANO 34 STATE COM

Well No : 001

Spacing Unit : 23487 OCD Order : Simultaneous Dedication: Acreage : 320.00 Revised C102? (Y/N) : Sect/Twp/Rnq :

Dedicated Land:

_____ S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn A 34 21S 34E 40.00 N ST 34 21S 34E 40.00 N В ST G 34 21S 34E 40.00 N ST H 34 21S 34E 40.00 N ST ST I 34 21S 34E 40.00 N J 34 21S 34E 40.00 N ST O 34 21S 34E 40.00 N ST

P 34 21S 34E 40.00 N ST

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

Date: 2/5/2001 Time: 01:24:11 PM

Nearburg Exploration Company, L.L.C.
Page 1

Drait
3,1665-6.45

February 5, 2001

Holland & Hart LLP and Campbell & Carr Attention: Michael H. Feldewert P. Ø> Box 2208 Santa Fe, New Mexico 87504-2208

Administrative	Order N	VSP-	

Dear Mr. Feltewert:

Reference is made to the following: (i) your application filed on behalf of Nearburg Producing Company and EOG Resources, Inc. dated January 8, 2001; (ii) your meeting in Santa Fe on Wednesday, January 24, 2001 with Mr. Michael E. Stogner, Chief Hearing Officer/Engineer with the New Mexico Oil Conservbation Division ("Division"); (iii) Mr. Stogner's letter dated February 5, 2001; and (iv) the Division's records in Santa Fe: all concerning both Nearburg's and EOG's requests to reorient the dedicated acreage for Morrow gas production within the E/2 of Section 34, Township 21 South, Range 34 East, NMPM, East Grama Ridge-Morrow Gas Pool, Lea County, New Mexico, by establishing the following two described non-standard gas spacing and proration units:

- the 160 acres comprising the NE/4 of Section 34, to be operated by Nearburg, is to be dedicated to the existing Grama Ridge East "34" State Well No. 1 (API No. 30-025-34948), located at a standard gas well location 1548 feet from the North line and 990 feet from the East line (Unit H) of Section 34; and
- (b) the 160 acres comprising the SE/4 of Section 34, to be operated by EOG, is to be dedicated to the exsisting Llano "34" State Well No. 1 (API No. 30-025-26318), located at a standard gas well location 1650 feet from the South line and 660 feet from the East line (Unit I) of Section 34.

17 min west of Eurice

NATURAL RESOURCES DEPARTMENT NEW MEXICO ENERGY, MINERALS and



Lori Wrotenbery Director Oil Conservation Division

GARY E. JOHNSON Governor Jennifer A. Salisbury

Cabinet Secretary

February 5, 2001

Mearburg Exploration Company, L.L.C. C/o Holland & Hart LLP and Campbell & Carr P. O. Box 2208

Santa Fe, New Mexico 87504-2208

Attention: Michael H. Feldewert

Administrative application for an exception to the spacing provisions of Division Rule 104C (2), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-morrow Gas Pool comprising: (1) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico, to be dedicated to a well to be operated by Vearburg Producing Company; and (ii) the SE/4 of Section 34 to be dedicated to a well to be operated by EOG Resources, Inc.

Dear Mr. Feldewert:

:ey

:00

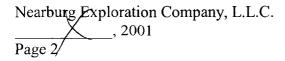
Reference is made to the subject application submitted on January 8, 2001 and our meeting on Wednesday, January 24, 2001 in the Division's new offices in Santa Fe. To date I have not received any information concerning profiles of the working interests in both 160-acre units. To complete this application please identify all working interest underlying both 160-acre tracts and, pursuant to Division Rule 1207.A (3), please provide the necessary documentation that adequate notice was proved these parties, if applicable.

Also, I need to reference within any order issued by the Division the wells in which both units are to be dedicated. Please provide copies of the complete well file on each well. Thank you for your cooperation in this matter.

Sincerely,

Michael E. Stogner Chief Hearing Officer/Engineer

New Mexico Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe



These proposed non-standard gas spacing and proration units in Section 34 are comprised of contiguous quarter sections that lie wholly within a single governmental half section. Each of the affected interest owners in Section 34 support this application.

By D	ivision Order No. R-4491,	issued in Case	No	and dated	March 16,
	ivision authorized the inje				
Grama	Ridge-Morrow	Gas	Pool	in	the
		operat	ed State GRA	Well No. 1 (A	PI No. 30-
025), located	feet from th	e North line ar	1d	_ feet from
	line (Unit E) of S				
), located	feet from	n the South lir	ne and	feet
from the Wes	st line (Unit L) of Section 3	4.		-	
the Division block bounder south trendin And Acreage (now known issued in Cast Ridge-Morro Gas Pool and	ivision Order No. R-5995, found that the Grama Ridged to the west by a northeau fault." On May 2, 1979, a Dedication Plat dedication as the Gramma Ridge Morse No and datow Gas Pool. Presently, the I the E/2 of said Section 34	ge-Morrow Gas ast - southwest to, the Division along the W/2 of Sourow Unit Well ted July 17, 197 www. W/2 of Section is part of the East	Pool is located rending fault a lso approved a ection 34 to the No. 2). By D'79, the Division 34 is part of st Grama Ridg	d "within an up and on the east I an amended We he State GRB V ivision Order N on created the E the Grama Ridge-Morrow Gas I	thrust fault by a north- Il Location Well No. 1 Io. R-6050, East Grama ge-Morrow Pool.
N/2 of Sectio to Nearburg	nuary, 1999, the New Mexicon 34 for non-payment of reunder Lease No. V-5683	ntal. The State s 3. On Februar	ubsequently le y 28, 2000, i	ased the N/2 of upon application	Section 34 n filed by
dedicated the	e N/2 of Section 34 to Nea e NE/4 of said Section 34.	rburg's East Gra	ama Ridge Mo	orrow State 34 l	No. 1 Well

The Division's Hobbs office has subsequently informed Nearburg that a change in the acreage dedicated to Nearburg's well in the NE/4 of Section 34 is necessary because (a) there are separate Morrow pools in the W/2 and E/2 of Section 34, (b) the W/2 of Section 34 is already devoted to the Grama Ridge Morrow Unit Well No. 2, and (c) the E/2 of Section 34 is presently devoted to the Llano 34 State Com #1 Well, located in the SE/4 of Section 34 (Unit I). The Llano 34 State Com Well No. 1 was drilled in 1979 under a communitization agreement with the state and is presently shut-in. EOG Resources, Inc. is the successor operator to this well.

As a result of these events, the respective acreage positions of Nearburg and EOG, and



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

February 5, 2001

Lori Wrotenbery
Director
Oil Conservation Division

The idealy of

Nearburg Exploration Company, L.L.C. c/o Holland & Hart LLP and Campbell & Carr P. O. Box 2208 Santa Fe, New Mexico 87504-2208

Attention:

Michael H. Feldewert

Re:

Administrative application for an exception to the spacing provisions of Division Rule 104C (2), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-morrow Gas Pool comprising: (i) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico, to be dedicated to a well to be operated by Nearburg Producing Company; and (ii) the SE/4 of Section 34 to be dedicated to a well to be operated by EOG Resources, Inc.

Dear Mr. Feldewert:

Reference is made to the subject application submitted on January 8, 2001 and our meeting on Wednesday, January 24, 2001 in the Division's new offices in Santa Fe. To date I have not received any information concerning profiles of the working interests in both 160-acre units. To complete this application please identify all working interest underlying both 160-acre tracts and, pursuant to Division Rule 1207.A (3), please provide the necessary documentation that adequate notice was proved these parties, if applicable.

Also, I need to reference within any order issued by the Division the wells in which both units are to be dedicated. Please provide copies of the complete well file on each well. Thank you for your cooperation in this matter.

Sincerely,

Michael E. Stogner Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe

Oil Conservation Division * 1220 South St. Francis Drive * Santa Fe, New Mexico 87505 Phone: (505) 476-3440 * Fax (505) 476-3462 * http://www.emnrd.state.nm.us



their right to produce gas from the E/2 of Section 34, is in question. The operators in the E/2 of Section 34 agree that the creation of the two non-standard spacing units proposed by Nearburg will clarify their acreage positions and right to produce gas from the East Grama Ridge Morrow Gas Pool. The State Land Office has also been notified of this application and submitted no objection.

The granting of this application under this unique set of circumstances will protect the correlative rights of all interest owners in said Section 34, will not cause waste, will avoid litigation and administrative hearings over the rights of the interest owners to develop the reserves under said Section 34, accommodate the Divisions' desire to re-dedicate acreage to Nearburg's well in the NE/4 of said Section 34, and provide EOG the opportunity to produce their well in the SE/4 of said Section 34 in the Morrow formation.

By authority granted me under Division Rule ______104.D (2) (b), the above-described 160-acre non-standard gas spacing and proration units are hereby approved.

<u>It is further ordered however</u> because of the unique circumstances presented by this matter, this administrative approval shall not be cited as precedent.

IT IS FURTHER ORDERED THAT, as a contingency of approval, EOG and Nearburg shall submit corrected OCD Forms C-102 for each well showing the proper acreage now dedicated to these wells to the Hobbs District Office of the Division. Failure by either opoerator to file its form within 20 days from the date of this order will result in the cancellation of allowable for both units.

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

Lori Wrotenbery Director

LW/MES/kv

cc: New Mexico Oil Conservation Division – Hobbs New Mexcio State Land Office - Santa Fe

NATURAL RESOURCES DEPARTMENT NEW MEXICO ENERGY, MINERALS and



Lori Wrotenbery Director Oil Conservation Division

February 5, 2001

GARY E. JOHNSON Governor Jennifer A. Salisbury

Cabinet Secretary

Nearburg Exploration Company, L.L.C. corr clo

P. O. Box 2208 Santa Fe, New Mexico 87504-2208

:9¥

Attention: Michzel H. Feldewert

Administrative application for an exception to the spacing provisions of Division Rule 104C (2), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, to create two non-standard 160-acre gas spacing and proration units within the East Grama Ridge-morrow Gas Pool comprising: (i) the NE/4 of Section 34, Township 21 South, Range 34 East, NMPM, Eddy County, New Mexico, to be dedicated to a well to be operated by Woldrich to a well to be dedicated to a well to be operated by EOG Resources, Inc.

Dear Mr. Feldewert:

Reference is made to the subject application submitted on January 8, 2001 and our meeting on Wednesday, January 24, 2001 in the Division's new offices in Santa Fe. To date I have not received any information concerning the identity of the working and overriding royalty interests within both 160-acre units. To complete this application identify by name, address, and percentage of ownership, all: (i) working interest; and (ii) over-riding royalty interest, within both 160-acre tracts and, pursuant to Division Rule 1207.A (3), please provide the necessary documentation that adequate notice was proved these parties, it applicable.

Also, I need to reference within any order issued by the Division the wells in which both units are to be dedicated. Please provide copies of the complete well file on each well. Thank you for your cooperation in this matter.

Michael E. Stogner

Sincerely,)

Chief Hearing Officer/Engineer

New Mexico Oil Conservation Division - Hobbs

New Mexico State Land Office - Santa Fe

Nearburg Exploration Company, L.L.C. Page 4

File:

Division Case No.

Division Case No.

Division Case No.

Division Case No.

JANUARY 2000

ADMINISTRATIVE ORDER TURNAROUND

11-Feb-00

K.	
RDER	
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PER	
S	

TYP	NUMBER	TOTAL DAYS	DAYS PER ORDE
CTB	ъ	62	20.7
DHC	63	1500	23.8
NSL	15	209	13.9
NSL(SD)	4	56	14.0
NSP	1	1	1.0
NSP(L)(S	2	21	10.5
PC	_	1	1.0
PLC	4	80	20.0
SWD	1	15	15.0
	94	1945	20.69

It is from ordered thate

- (3) North Dagger Draw-Upper Pennsylvanian Pool production from the above-described South Boyd "27" Well No. 12 is to be simultaneously dedicated with the following three wells all located in the SW/4 of Section 27:
 - (a) South Boyd "27" Com. Well No. 4 (API No. 30-015-28289) located at a standard oil well location 1980 feet from the South line and 660 feet from the West line (Unit L) of Section 27;
 - (b) South Boyd "27" Com. Well No. 5 (API No. 30-015-28801) located at a standard oil well location 820 feet from the South line and 990 feet from the West line (Unit M) of Section 27; and
 - (c) South Boyd "27" Well No. 7 (API No. 30-015-29010) located at a standard oil well location 1980 feet from the South and West lines (Unit K) of Section 27.
- (4) The operator shall comply with all applicable requirements and conditions set forth in Division Rule 111 and Division Order No. R-4691, as amended.
- (5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia

Submit to Appropriate District Office State Lease'- a copies Fee Lease - 5 copies **DISTRICT** P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

State of New Mexico **Energy, Minerals and Natural Resources Department**

Form C-105 Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St. Santa Fe

WELL API NO. 30-025-34948

5. Indicate Type of Lease

P.O. Drawer DD, Artesia, N	NM 88210		0.	anta i C,	IAIAI	0750	J	İ			STA	TE 🗶	FEE		
DISTRICT III 1000 Rio Brazos Rd, Azte	c, NM 87410_								6. State Oi	1 & G	as Lease No).			
WELL CON	APLETION O	R REC	OMPLET	ION REP	ORT A	ND L	.OG								
1a. Type of Well: OIL WELL	GAS WEL	ιX	DRY [OTHER					7. Lease Name or Unit Agreement Name						
b. Type of Completion: NEW WORK PLUG DIFF WELL OVER DEEPEN BACK RESVR OTHER											Grama Ridge East 34 State				
2. Name of Operator Nearburg Producing	Company				_				8. Well No.	•					
3. Address of Operator							***		9. Pool name	e or W	/ildcat				
3300 N A St., Bldg 2	, Suite 120, Mi	dland, T	X 79705						Grama R	idge	Morrow;Ea	est			
4. Well Location	U 4540	•		Nor	4 h			000					-4		
Unit Letter	H : 1548	Fee	t From The	Nor	uı	¹	ine and	990) Fe	et Fro	m The	Ea	ıst	Line	
Section	34	Town			Range		34E		МРМ		· ·	Lea		<u> </u>	
10. Date Spudded 11 03/07/00	04/28/00	ed	12. Date Co 06/0	ompl. (Ready t 9/00	to Prod.)		13. Eleva 3689' G		3706' KE		etc.) 1	4. Elev	. Casinghead	i	
15. Total Depth 13,500'	16. Plug Bac 1	k T.D. 3,412'		17. If Multiple Many Zor		low		Intervals Drilled By		Tools		Cable To	ools		
19. Producing Interval(s), of this completion - Top, Bottom, Name 13,134' - 13,156' (Morrow)										20). Was Direc	ntional No	Survey Made		
21. Type Electric and Other Logs Run DLL/CNL/LDT/GR									22. Was Well Cored NO						
23.		CAS	SING RI	ECORD	(Repo	rt all	strings	set in	well)						
CASING SIZE	WEIGHT LE			H SET		DLE SI		r	EMENTING	G RE	CORD	AN	OUNT PULL	ED	
13-3/8"	68#		12	296'					872				NA		
9-5/8"	36 & 40			763'					1903 sx				NA		
7"	23, 26 & 2	29#	11	250'		8-3/4			180 sx NA						
	 		 -								•	+	· · · · · · · · · · · · · · · · · · ·		
24.		LINE	R RECO	RD	<u> </u>			25		TUE	SING REC	ORD	· · · · · · · · ·		
SIZE	TOP	ВО	ттом	SACKS CE	MENT	S	CREEN		SIZE		DEPTH S		PACKER S	SET	
4-1/2"	11,018'	1	3,500'	350 s	Х				2-3/8				13,055	5'	
				<u>L</u>	<u></u>	1.	1010 0			l					
26. Perforation record (in	nterval, size, and	ı numbe	r)										JEEZE, ET	<u>C.</u>	
13,134' - 13,156' 5	JSPF (110 ho	les)					PTH INTE 3,134' - 1		AMOC	JIN I A	AND KIND N	MAIER	IAL USED		
						<u> </u>									
28.				PRODU	CTIO	N									
Date First Production 06/09/00	Flow		on Method (F	lowing, gas lif	t, pumpin	g - Size	and type p	oump)					od. or Shut-in ducing	1)	
Date of Test 06/16/00	Hours Tested 24	C	hoke Size 9/64"	Prod'n F Test Per		Oil - B	bL. 20	Gas -	MCF 239	W	ater - BbL. O		Gas - Oil Ratio 61950:1		
Flow Tubing Press. 5000	Casing Pressure		Calculated 24 Hour Rate	- Oil - Bb		1	3as - MCF 1239	V	ater - BbL. 0		Oil Gravit	•	- (Corr.) 52.5		
29. Disposition of Gas (Soil	ld, used for fuel, ve	nted, etc.)							att L	essed By				
30. List Attachments															
C-104, Deviations a															
31. I hereby certify that the	information shows	on both	sides of this	- Dairean	d comple		e best of my		ge and belie		y Analyst	Da	te <u>06/27/0</u>	0	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	S	outheaste	'n	New Mexico		Northwestern New Mexico					
T. Anh	/	1755.0	Т.	Canyon	7	Γ. Oio <i>i</i>	Alamo	Т.	Penn	. "B"	
T. Salt			Τ.	Strawn 11684	٦ 0.	Γ. Kirtla	and-Frui	tland T.	Penn	. "C"	
B. Salt		3870.0	Т.	Strawn 11684 Atoka 11966	3.0	Γ. Pictι	red Clif	fs T.	Penn	. "D"	
T. Yate	S	3925.0	Т.	Miss	٦	T. Cliff	House	Т.	Lead	ville	
T. 7 Riv	ers		Т.	Miss Devonian Silurian	1	Γ. Men	efee _	T.	Madi	son	
T. Que	en		Т.	Silurian	_ 1	Γ. Poin	t Lookoi	ut T.	Elber	t	
T. Gray	/burg _		Τ.	Montoya	1	Γ. Man	cos	Т.	McCr	acken	
T. San	Andres		Τ.	Simpson	1	Γ. Gallı	up	T.	Ignac	io Otzte	
T. Glori	ieta		Т.	McKee	E	Base G	reenhor	m T.	Grani	ite	
T. Pado	dock _		Т.	Ellenburger	7	Γ. Dak	ota	_ T.			
T Bline	hrv		Т	Gr Wash	7	Γ Morr	is∩n	Т			
T. Tubb	·		Т.	Delaware Sand _5613	<u>3.0</u> 7	Γ. Todi	lto	T.	·		
T. Drini	kard		Τ.	Bone Springs 8395	5.0	Γ. Entra	ada	T.			
T. Abo			Τ.	Morrow 12090	<u>0.0</u> 7	Γ. Wing	gate	T.			
T. Wolf	camp _	12240.0	Τ.	Delaware Sand 5613 Bone Springs 8395 Morrow 12090	1	Γ. Chin	le	T.	·		
1. Penr	າ		Ι.		'	ı. Pern	naın				
T. Cisc	o (Bough	(C)	Τ.		1	Γ. Peni	า. "A" _	T.			
				OIL OR GAS S	ANI	DS OR	ZONES	3			
No. 1, f	rom 127	730	to	13160		No.	3, from		to		
No. 2, f	rom		to	13160		No.	4, from		to		
				IMPORTAN							
Include	data oi	n rate of wat	er	inflow and elevation t							
No. 1, f	from			to			fe	et			
No. 2. f	from			to			fe				
No. 3. f	from			to			fe	et			
,,,,,	•			OGY RECORD (A						****	
					····	on add	illonal Si				
From	То	Thickness in Feet	3	Lithology	F	rom	То	Thickness in Feet		Lithology	
		,									
3900.0		1713.0		dolo,anhydrite							
5613.0	1	2782.0		sand,dolomite					1		
8395.0	12240.0	2845.0		limestone, sand					I		

11240.0 11684.0

11684.0 11966.0

11966.0 12090.0

12090.0 13500.0

444.0

282.0

124.0

1410.0

shale,limestone

limestone,sand,shale

limestone

shale



PATTERSON DRILLING COMPANY LP

- A LIMITED PARTNERSHIP -

410 North Loraine Street • Midland, Texas 79701 (915) 682-9401 • Fax (915) 682-1565

May 18, 2000

Nearburg Producing Company 3300 N "A" St, Bldg 2, Ste 120 Midland, TX 79705

RE:

Inclination Report

Grama Ridge East 34 St #1

Sec 34; T-21-S; R-34-E

Unit H 1548/N 0990/E 30-025-34948

Gentlemen:

The following is an inclination survey on the above referenced well located in Lea County, New Mexico:

225' - 0.75	2603' - 3.00	3832' - 1.75	6494' - 0.50
436' - 0.50	2728' - 3.00	3925' - 2.00	6992' - 0.50
712' - 0.50	2852' - 3.25	4019' - 1.50	7488' 0.50
900' 0.50	3010' — 3.75	4080' - 1.00	8078' - 1.00
1152' - 1.00	3078' - 3.50	4204' - 1.00	8516' - 0.75
1341' - 2.00	3141' – 3.00	4358' - 0.50	9014' - 0.75
1468' - 1.50	3203' - 3.00	4818' - 1.25	9509' - 0.75
1564' 1.50	3266' — 2.25	5035' - 2.00	10001' - 0.50
1754' – 1.00	3327' – 2.50	5128' 2.00	10477' - 0.25
2006' - 2.50	3392' – 2.25	5222' - 1.50	11464' - 0.50
2101' - 2.25	3455' — 1.50	5346' 1.25	11828' - 1.50
2195' – 2.25	3549' — 1.50	5760' – 1.25	12280' - 1.00
2351' – 2.25	3645' — 1.25	` 6002' – 1.00	•
2475' - 2.50	3729' – 2.50	√ 6254' – 0.75	

_				
S	ın	ce	rei	v

To Drecca

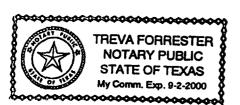
Rebecca A. Edwards Administrative Assistant

STATE OF TEXAS

COUNTY OF MIDLAND

Rebecca A. Edwards acknowledged the foregoing before me this 18th day of May 2000.

MY COMMISSION EXPIRES:



District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

State of New Mexico Energy, Minerals & Natural Resources Department

2040 South Pacheco

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

District IV 1040 South Pa								NM 87						NDED REPO	ORT
•	RE	QUES		R AL			= ANL	AUTI	HORIZ	ZATIO	N TO TRAI		Number		
Nearburg Pi 3300 North	A Street, E	Building 2,	•		e and	Address						1574			
Midland, Te	xas 79705	i									3 R	eason for	_	ode	
												NW ———	' 		
4AI 30 - 0 25 3	PI Number 34948		Gram	na Ridoe	e Mor	rrow; Eas		⁵ Pool Name ⁶ Pool 776							
	operty Code	<u>.,</u> .p-	9.5			,		operty Nam	ie			9 Well Number			
	25382		Gram	na Ridge	Eas	st 34 State	Э							1	
	Surface l	Location													
UI or lot no. H	Section 34	Township 21S	- 1	ange 34E	Lot k	dn	Feet from	the 548		outh Line orth	Feet from the 990	East/W	est line ast	County Lea	
	Bottom I	L						7-0	140	141	330		331	Lea	
UI or lot no.	Section	Township		Range Lot Idn Feet				the	North/So	outh Line	Feet from the	East/W	est line	County	
¹² Lse Code F	1	ng Method C lowing	ode		14 Gas Connection Date 06/09/00		15 C	-129 Perm	it Number	1	¹⁶ C-129 Effective D	Date	17 C-	129 Expiration D	ate
	nd Gas		orters					 		i					
18 Transporter 19 Transporter Name OGRID and Address								²⁰ PO	D	²¹ O/G	22	POD UL and Do	STR Loca		
Sunoco Inc. (R&M) 21778 907 South Detroit Tulsa, OK 74102							2'	8257	26	0	Section 34, T	21S, R3	34E Tar	k Battery	
		ou, orr													
UG&E Natural Gas Gathering & Processing 2777 Stemmon Freeway, Suite 700 Dallas, TX 75207								8257	27	G	Section 34, T	21S, R3	34E Tar	k Battery	
										3					
	uced Wa	iter													
28257		Sect	ion 34,	T21S, I	R34E	E Tank Ba		24 POD UL	STR Loca	tion and D	Description				
	Complet					<u></u>							_		
²⁵ Spuc	d Date 17/00		²⁶ Ready 06/09/			1	7 TD 3,500'		²⁸ PB ⁻	_	²⁹ Perfora 13,134' - 1		,	ODHC, DC, MC	
03/0	31 Hole Size		00/03/		sing &	& Tubing Si				3 Depth Se	<u> </u>	0,100	34 Sack	s Cement	
	17-1/2"				1;	3-3/8"				1296'			8	72 sx	
	12-1/4"				9	-5/8"				5763'			19	03 sx	
	8-3/4"	,				7"				11,250'			18	80 sx	
	6-1/8"				4-1	1/2" LR				13,500'			3	50 sx	
VI. Wel	l Test D	ata													
³⁵ Date N 06/09			Delivery 6/09/00			³⁷ Test D 06/16/	00	3	Test Len 24 hr	s	³⁹ Tbg. Pres 5000)		⁴⁰ Csg. Pressure 	,
41 Choke 9/6			⁴² Oil 20			43 Wate	er		4 Gas		45 AOF	•		46 Test Method Flowing	
	ortify that the with and that of my knowle	the informat	ion giver						(OIL CO	ONSERVATI	ON D	IVISIO	ON	_
Signature:	<i>_</i>	41.	~ -	4	-			Approved	l by:	1%	- 1167	1/2			
Printed name:	Kim Ste	ewart	٥٠٠٠	<u> </u>				Title:		MI	w mm	rass			
Title: Regu	latory Ana		. <u></u>					Approval	Date:	PHC!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ret			
5.4	/27/00	 	Ph	none:	(91	5) 686-82	235			7.73	- Arit	V 11 11	, ,		
⁴⁸ If this is a ch	nange of ope	rator fill in th	ne OGRI	D numbe				operator							
	Previous	Operator Sig	onature					Printed	Name				Title	Date	

District ! PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION 2040 South Pacheco

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

5 Copies

District IV 2040 South Pac					ianta Fe, F ΑΝΓ			7ATIO	N TO TRA			NDED REPORT
Nearburg Pi	roducing (A Street, I	Company Building 2,	¹ Operator na	me and Address		7.01				² OGRID 15742	Number	7
Midland, Te	xas 79705	5								leason for	-	
4 ΔΕ	PI Number				5	Pool Name			Cha	nge Tran		ool Code
30 - 0 25 3			Grama Rido	ge Morrow; Ea		Toorran						77690
	operty Code 25382		Grama Rido	ge East 34 Sta		operty Nan	ne				a M	ell Number 1
II. 10 S	Surface	Location		_								
UI or lot no. H	Section 34	Township 21S	Range 34E	Lot Idn	Feet from	n the 548	North/So	outh Line	Feet from the 990	East/We		County
		Hole Loc					140		330	La		Lea
UI or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/Sc	outh Line	Feet from the	East/We	st line	County
¹² Lse Code F	1	ng Method C lowing		Connection Dat 06/09/00	te 15 C	-129 Perm	it Number	1	⁶ C-129 Effective [Date	17 C-	129 Expiration Date
III. Oil ar	nd Gas	Transpo	orters							!		
¹⁸ Transport OGRID	ter		¹⁹ Transporter N and Addres			²⁰ PO	Ğ	²¹ O/G	2	POD ULS and De	STR Locascription	
21778	907	noco Inc. (7 South De sa, OK 74	etroit	-	2	8757	126	0	Section 34,	T21S, R	34E Ta	ank Battery
032109	277	&E Natura 77 Stemmo las, TX 75	on Freeway,	ing & Process Suite 700		8257	קבר	G	Section 34,	T21S, R:	34E Ta	ank Battery
IV. Produ	uced Wa	ater				24 POD UL	STR Loca	tion and D	escription		.1.41	
		Secti	on 34, T21S	, R34E Tank E					•			
		tion Dat			27 TD		28 PB		20 Day 6			^BUO BO MO
²⁵ Spuc 03/0			²⁶ Ready Date 06/09/00		13,500'		13,4		²⁹ Perfora 13,134' - 1			ºDHC, DC, MC
	³¹ Hole Size	!	32 (Casing & Tubing	Size		3:	³ Depth Se	et		34 Sack	s Cement
	17-1/2"			13-3/8"				1296'			8	72 sx
	12-1/4"	· •	_	9-5/8"				5763'			19	03 sx
	8-3/4"	.		7"				11,250'				80 sx
\/ \\/ -	6-1/8" I Test D	oto		4-1/2" LR				13,500'			3:	50 sx
VI. Well		1	Delivery Date	³⁷ Test	Date	3	³⁸ Test Len	gth	³⁹ Tbg. Pre	ssure		⁴⁰ Csg. Pressure
⁴¹ Choke	Size		42 Oil	43 W ₈	ater		⁴⁴ Gas		45 AOF			⁴⁶ Test Method
complied w	ith and that		ion given above	n Division have to		Approved			NSERVATI			DN
Printed name:	Kim Ste	-9-f	edulcan	<u>\</u>		Title:		in	his Eld			
	Rim Ste					Approval	Date:	_DIS	TRICT 1.8	<u>Hrizia's</u>	/15Ol	7
	/14/00	.,,	Phone:	(915) 686-8	3235	<u> </u>			a. √. \$ _j }		·	
		rator fill in th	e OGRID numb	per and name of		s operator						
	Previous	Operator Sig	gnature			Printed	d Name			1	Fitle	Date

District I PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994

Instructions on back Submit to Appropriate District Office

District II 811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION District III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco Santa Fe, NM 87505

5 Copies □ AMENDED REPORT

District IV 2040 South Pa	chaca !	Santa I	Fe NM 874	505		Si	anta Fe	, NM 87	505				AME	NDED REPORT
2040 South Pa					OR AL	LOWABL	E ANI	D AUTI	HORIZ	ZATIO	N TO TRAI	NSPO	RT	
				10	perator nam	e and Address						² OGRID	Numbe	er
Nearburg P 3300 North	A Stre	et, Bu	ompany uilding 2,	Suit	te 120							1574:	2	
Midland, Te	xas 79	9705									3 R	eason for	Filing C	ode
											RT - 3	1000 (Ju	ine, 20	00)
	PI Numi	ber		^	D: 1			Pool Name						Pool Code
30 - 0 25 3	0perty C	`ada		Gr	ama Ridge	Morrow; Ea		operty Nam						77690
, Pr	openy C 25382			Gr	ama Ridoe	e East 34 Sta		орену ман	ie				2 VV	/eil Number 1
10 S			l ocation					·		·· .				•
Ul or lot no.	Section		Township	<u>,</u>	Range	Lot Idn	Feet from	1 the	North/Sc	outh Line	Feet from the	East/We	est line	County
Н	34		218		34E		15	548	No	orth	990	Ea	st	Lea
11	Botto		ole Loc	cati	ion							-		
UI or lot no.	Section	n	Township		Range	Lot Idn	Feet from	n the	North/So	outh Line	Feet from the	East/We	est line	County
¹² Lse Code	13 Pro	ducina	Method C		14 Gas (Connection Date	15 (-129 Perm	it Number		16 C-129 Effective D)ata I	17.C	129 Expiration Date
F F	1.4	_	wing	oue		6/09/00		7-123 I Gilli	it i di i i bei		··· O-125 Ellective L	Jale	()-	-129 Expiration Date
III. Oil ai	nd G	as T	ranspo	rte	rs					<u>l</u>		I		
18 Transpor				19 Tra	ansporter Na	me		²⁰ PO	D	²¹ O/G	27	POD ULS		
OGRID		Amo	co Pipel		and Address						Section 34,		SCription	
138648		502	North Walland, TX	est.	Avenue		12	8257	26	0	Occion 54,	1210, 1	O4L 16	ank ballery
	1	Leve	andiu, 17	~ /	3330									
032109		Proc	essina		as Gather	_	2	82570	27	G	Section 34,	Γ21S, R	34E Ta	ank Battery
		2777 Dalla	7 Stemme as, TX 75	on F 520	Freeway, : 7	Suite 700								
									44					
										<u> </u> 				
										19. 1				
IV. Produ		Wat	er											
2825		2	Section	on 3	34. T21S. I	R34E Tank B	atterv	24 POD UL	STR Local	tion and D	escription			
	<u> </u>		on Data											
V. Well o		pieti			ady Date		²⁷ TD		28 PB	TD	²⁹ Perfora	itions	3	30 DHC, DC, MC
03/0	7/00			06/0	09/00		13,500'		13,4	02'	13,134' - 1	3,156'		
	³¹ Hole	Size			³² Ca	sing & Tubing S	Size		3	³ Depth Se	et		34 Saci	ks Cement
	17-1/	2"				13-3/8"				1296'			8	72 sx
	12-1/	4"	` .			9-5/8"				5763'			19	903 sx
	8-3/4	4"				7"				11,250'			1	80 sx
	6-1/8	3"				4-1/2" LR				13,500'			3	50 sx
VI. Wel	l Tes	t Da	ta											-
35 Date N	ew Oil		³⁶ Gas I	Deliv	ery Date	37 Test [Date	30	Test Len	gth	³⁹ Tbg. Pres	sure		⁴⁰ Csg. Pressure
⁴¹ Choke	Size			42 O	oil .	⁴³ Wa	ter		44 Gas		⁴⁵ AOF		+	⁴⁶ Test Method
47 I hereby ce complied w to the best	vith and	that th	e informati	on g	Conservation liven above is	Division have be true and comp	een piete		(OIL CC	DNSERVATI	ON DI	VISIC	ON
Signature:	K	· ~~	~ · ·	<u>`</u>	وسط	the		Approved	i by:	han	The	- 1	.	
Printed name:	Kim	Stev				, , , , , , , , , , , , , , , , , , , 		Title:	C			7.77	the state of the s	·-
Title: Regu	latory							Approval	Date:	HTSIC	Cid Sir -			
Data	/09/00				Phone:	(915) 686-8	235	<u> </u>		MUN .	1 A Walter	<u>- 3145,</u>	.)[;	
			tor fill in th	e OC	GRID numbe	r and name of the		s operator						
<u> </u>	Prev	ious O	perator Sig	natu	ıre			Printed	Name				Title	Date

11

State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT I

OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St. Santa Fe, NM 87505 WELL API NO. 30-025-34948 sIndicate Type of Lease

	STATE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	₀State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO	A 7Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	·
	Grama Ridge East 34 State
Type of Well: OIL GAS WELL WELL OTHER	
2Name of Operator	sWell No.
Nearburg Producing Company	1
3Address of Operator	₃Pool name or Wildcat
3300 N A St., Bldg 2, Suite 120, Midland, TX 79705	Grama Ridge Morrow; East
4Well Location	
Unit Letter H : 1548 Feet From The North Line and 99	Peet From The East Line
34 Section 21S Township 34E Range	NMPM Lea County
10 Elevation (Show whether DF, RKB, RT, GR, etc.)	

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE	OF INTE	NTION TO:	SUBSEQUENT	REPORT OF:	
PERFORM REMEDIAL WORK		PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING	
TEMPORARILY ABANDON		CHANGE PLANS	 COMMENCE DRILLING OPNS.	PLUG AND ANBANDONMENT	
PULL OR ALTER CASING	_		CASING TEST AND CEMENT JOB		
OTHER:			 OTHER: 4-1/2 " Production Liner		×

12Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

05/03/00: Drilled to 13,500'. Set liner hanger at 11,016'. Cemented with 350 sx Class "H" + additives. Test liner top to 2500 psi. NU BOPE and NU B section. Clean pits and release rig at 1800 hrs on 5/3/00.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Regulatory Analyst

DATE 05-08-00

TYPE OR PRINT NAME Kim Stewart

TELEPHONE NO. 915/686-8235

(This space for State Use)

CONDITIONS OF APPROVAL, IF ANY:

13.84 J. C. 2000

Submit 3 Copies to Appropriate District Office

Section

11

OTHER:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

OIL CONSERVATION DIVISION DISTRICT I P.O. Box 1980, Hobbs, NM 88240 WELL API NO. 2040 Pacheco St. 30-025-34948 Santa Fe, NM 87505 **DISTRICT II** P.O. Drawer DD, Artesia, NM 88210 sIndicate Type of Lease STATE X FEE **DISTRICT III** «State Oil & Gas Lease No 1000 Rio Brazos Rd., Aztec, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Grama Ridge East 34 State Type of Well: WELL OTHER «Well No 2Name of Operator Nearburg Producing Company 3Address of Operator Pool name or Wildcat 3300 N A St., Bldg 2, Suite 120, Midland, TX 79705 Grama Ridge Morrow; East ₄Well Location North 1548 East Unit Letter Feet From The Line and Feet From The Line

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON PERFORM REMEDIAL WORK REMEDIAL WORK ALTERING CASING CHANGE PLANS TEMPORARILY ABANDON COMMENCE DRILLING OPNS. PLUG AND ANBANDONMENT CASING TEST AND CEMENT JOB PULL OR ALTER CASING

NMPM

OTHER: 7" Protection casing and cement

Lea

County

Х

12Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

34E

10 Elevation (Show whether DF, RKB, RT, GR, etc.)

Township

3689' GR

04/11/00: Drilled to 10,841', lost circ, dry drilled to 11,250'. RU and ran 275 jts 7" 23#, 26#, 29#, LTC & BTC csg. Cmt 1st stage csg using 90 sx cmt + additives. Cmt 2nd stage using 90 sx cmt + additives. ND BOPE and set slips. NU BOPE and test. Will drill 6-1/8" hole to original TD and set 4-1/2" liner tied back 200' into 7" csg if productive.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. TITLE Regulatory Analyst DATE 04-18-00 SIGNATURE TYPE OR PRINT NAME Kim Stewart TELEPHONE NO. 915/686-8235

(This space for State Use)

APPROVED BY

his Williams

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I

OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240

P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St. Santa Fe. NM 87505

WELL API NO.	 	
30-025-34948		

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 sIndicate Type of Lease STATE X FEE

State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Grama Ridge East 34 State Type of Well: GAS WELL WELL OTHER aWell No. 2Name of Operator Nearburg Producing Company 3Address of Operator Pool name or Wildcat 3300 N A St., Bldg 2, Suite 120, Midland, TX 79705 Grama Ridge Morrow; East 4Well Location 1548 North East Unit Letter Feet From The Line and Feet From The Line

> 218 34E Township Range **NMPM** Lea County

10 Elevation (Show whether DF, RKB, RT, GR, etc.) 3689' GR

11

34

Section

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE	OF INT	ENTION TO:		SUBSEQUEN	T REPORT OF:	
PERFORM REMEDIAL WORK		PLUG AND ABANDON		REMEDIAL WORK	ALTERING CASING	
TEMPORARILY ABANDON		CHANGE PLANS		COMMENCE DRILLING OPNS.	PLUG AND ANBANDON	MENT
PULL OR ALTER CASING				CASING TEST AND CEMENT JOB		
OTHER:				OTHER: Intermediate Casing and	Cement	×
-Describe Bronosed or Complete	d Operations (Clearly state all pertinent details	and give	nertinent dates, including estimated date of	starting any proposed	

work) SEE RULE 1103.

03/27/00; Drilled to 5,763'. C&C hole. RU and ran 139 jts 9-5/8" 36#, 40#, K55, N80, S95, LT&C & STC csg. Set csg @ 5,763'. Cmt 1st stage csg using 403 sx cmt + additives. Cmt 2nd stage using 1500 sx cmt + additives. Circ 210 sx to surface. WOC. Cut off casing and NU BOPE and test.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. DATE 04-03-00 TITLE Regulatory Analyst SIGNATURE

TYPE OR PRINT NAME Kim Stewart

TELEPHONE NO. 915/686-8235

(This space for State Use)

APPROVED BY

his William

TITLE

DATE APR 12 200

State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION

Section

P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St. Santa Fe. NM 87505

WELL API NO 30-025-34948 sIndicate Type of Lease

Lea

County

NMPM

STATE FEE «State Oil & Gas Lease No. 1000 Rio Brazos Rd., Aztec, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Grama Ridge East 34 State Type of Well: WELL X OTHER WELL «Well No. 2Name of Operator Nearburg Producing Company 3Address of Operator Pool name or Wildcat 3300 N A St., Bldg 2, Suite 120, Midland, TX 79705 Grama Ridge Morrow; East ₄Well Location 1548 North 990 Unit Letter Feet From The Line and Feet From The Line

Range

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON PERFORM REMEDIAL WORK REMEDIAL WORK **ALTERING CASING** COMMENCE DRILLING OPNS. **PLUG AND ANBANDONMENT** CHANGE PLANS TEMPORARILY ABANDON **PULL OR ALTER CASING** CASING TEST AND CEMENT JOB X OTHER: Surface Casing and Cement OTHER:

12Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

34E

10 Elevation (Show whether DF, RKB, RT, GR, etc.)

03/07/00: Spud well @2300 hrs on 03/07/00.

21S

Township

3689' GR

03/11/00: Drilled to 1,296'. C&C hole. RU and ran 32 its 13-3/8" 68#, K55, N80, BT&C csq. Set csq @ 1,296'. Cmt csq using 872 sx cmt + additives. Circ 54 sx to surface. WOC 18 hrs. Cut off casing and NU BOPE and test.

I hereby certify that the information above is true and completet to the best of my knowledge and belief. TITLE Regulatory Analyst DATE 03-14-00 SIGNATURE TYPE OR PRINT NAME Kim Stewart TELEPHONE NO. 915/686-8235

(This space for State Use)

APPROVED BY

This Williams

MISTRICT & SUPERIOR

DATE MAR 27 THE

District I PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-101 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies

811 South First, Artesia, NM 88210

District II

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505 OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

AMENDED REPORT

Fee Lease - 5 Copies

APPLICA	TION	OR PE	RMIT	TO DRI	LL, RE-EI	NTER, DE	EPE	EN, PLUGB	4CK	OR AD	D A ZONE
Nearburg Pro 3300 N A St., Midland, TX	Bldg 2, S		1Opera	tor Name and	d Address		•			3AP	RID Number 015742 11 Number 5 -3494 \$2
4Property			Did	5+ 0.4	·	erty Name					«Well No.
253	58 <u>x</u>	Gr	ama Rido	e East 34					•		1
	011		Dance	1 1		Location		T =			
UL or lot no. H	Section 34	Township 21S	Range 34E	Lot Idn	Feet from the 1548	North/South North	line	Feet from the 990		West Line East	County Lea
<u></u>	<u> </u>	۔۔۔۔۔۔ Propeء	osed E	Bottom F	Hole Locat	ion If Diffe	rent	t From Surfa			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South		Feet from the		West Line	County
Grama Ridge	Morrow,	₃Proposed East	Pool 1	<u> </u>				¹₀Propose	d Pool	2	
									<u> </u>		<u></u>
□Work Typ		1	₂Well Type G	Code	1	e/Rotary R		14Lease Type Code)	15Ground	Level Elevation
16Mui	•		17Proposed		₁₅Fo Morrow	rmation	Pa	19Contractor atterson	-		Spud Date 3-05-00
			21	Propose	d Casing	and Ceme	nt P	Program			
Hole Siz	е	Casing	Size	Casing	weight/foot	Setting Dep	th	Sacks of Cem	ent	Esti	mated TOC
	-1/2"	1	3-3/8"		48#		300') sxs		surface
	-1/4" -3/4"		9-5/8" 5-1/2"		4# & 32# ´ 7# & 20#		700' 700'	2000) sxs) sxs	Circ to	surface
Propose to devaluation is	wout prever Irill the we positive.	ition program Il to sufficie Perforate,	, if any. Us ent depth test and	to evaluate stimulate a	sheets if necessate the Morrow	ary. formation. Afte o establish pro	er reac		ill be ri	un and casi	ng set if the
Acreage ded	lication is	320 acres;	N/2 01 5	ection 34.	_	Period Cate	- . Uh	Joans Vest " Jess Drilling 		jobiene Pobiene	1 i
²³ l hereby certify best of my knowle			above is t	rue and com	1	0	IL C	CONSERVA	TIŌI	N DIVISI	ON
Signature:		Ste	سم	大	- [Approved By:	Va	لا بالك	in	<u>د</u>	-
Printed name:	Kim Stewa					Title:		0			<u></u>
Title: Regulat	tory Analy	st			Į.	Approval Date:		- 1	Expirati	on Date:	
Date:	02-23-00		Phon	^{e:} 915/686-	8235	Conditions of App Attached:					

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

P.O. Drawer DD, Artesia, NM 88211-0719

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

FEBRUARY 21, 2000

00-11-0259

Cartificate No. RONALD J. EIDSON CARY EIDSON MACON MCDONALD

LMP

3239 12641 12185

Date Surveyed water the surveyed to the survey

Signature & Seal of Professional Surveyor

Subm

DISTRICT III 1000 Rio Brazos Rd., Astec. NM 67410

DISTRICT II

410

OIL CONSERVATION DIVISION
P.O. Box 2088

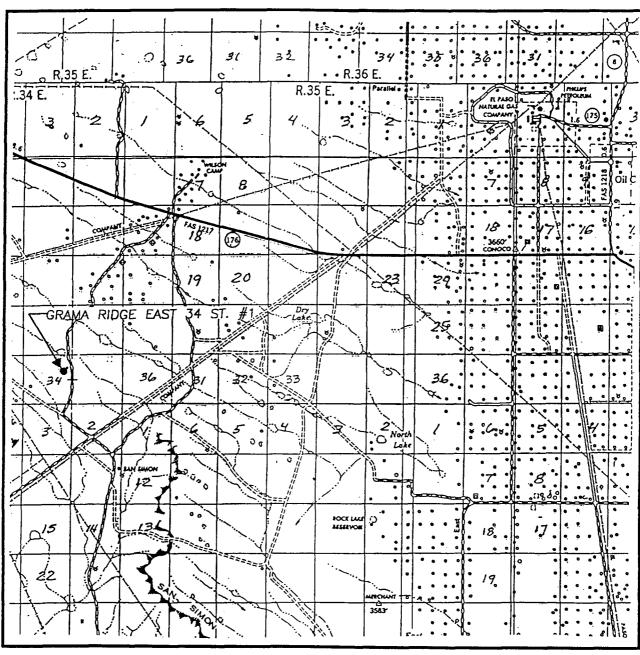
DISTRICT IV

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

P.O. BOX 2088, SANY	A FE, N.M. 87	504-2088							☐ AMENDEI	, KEPUKI
			WELL LO	CATION	AND A	CRE	AGE DEDICATI	ON PLAT		
API	Number			Pool Code	1			Pool Name		
30-02	5-34	4948		77690			Grama	Ridge Mor	row, East	
Property		1	l		Proper	ty Nan			Well Nur	
253	382			GRAM	A RIDGE	EAS	ST 34 ST.		1	
OGRID N	o.				Operat				Elevation	
15742				NEARBUR	RG PROL		NG COMPANY		368	9
		-	· · ·		Surface	Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County
Н	34	21 S	34 E		154	-8	NORTH	990	EAST	LEA
	L	<u> </u>	Bottom	Hole Loc	cation If	Diffe	erent From Sur	face	<u> </u>	<u> </u>
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County
	<u> </u>		l	<u> </u>	<u> </u>					
Dedicated Acres		r Infill Co N	nsolidation	Code Or	der No.					
<u> </u>		IN _								
NO ALLO	WABLE W						INTIL ALL INTER APPROVED BY T		EEN CONSOLIDA	ATED
7	1					F	1	ODEDAMO	D ORDINAL	TON
	İ								R CERTIFICAT	
				1			ĺ	N i	y certify the the inj n is true and compli	
_							φ	11	siedge and belief.	
	Ī						1548	X		
	1						1			+
								1 Kin	- Solowo	<u> </u>
<u> </u>				· ——		+	 	Signature		
							990,	Kim Ste		
							,	V 1	ory Analy	e t
]				Title	OLY Analy	<u> </u>
	1			1		1		VI	y 23, 200	0
	-							Date	<u>,,</u>	
								SURVEYO	R CERTIFICAT	ION
111	1	(((11	1	1 / /	I hereby pertify	that the well locati	on shown
	-							11	is plotted from field	
Í]				supervises an	made by me or I that the same is	under my true and
	,					ı			e best of my belia	

VICINITY MAP



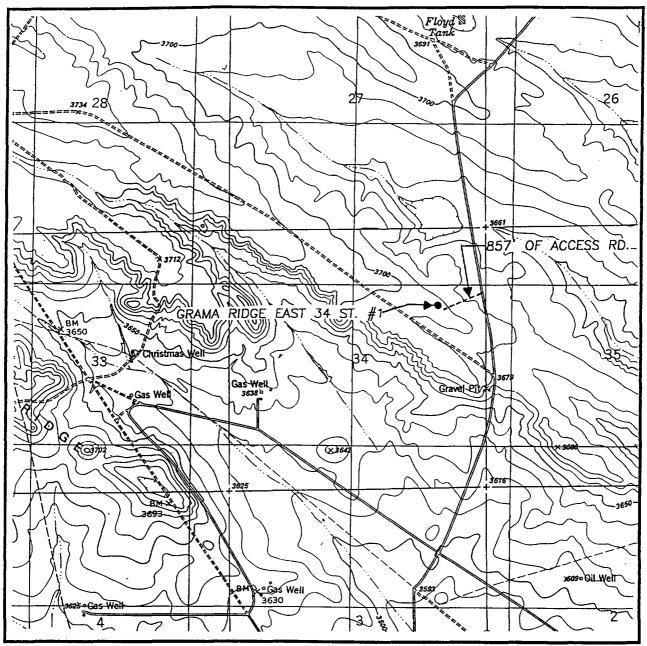
SCALE: 1" = 2 MILES

SEC. 31 TWP. 24	-S RGE. 34-E
SURVEYN	.м.Р.м
COUNTY	LEA
DESCRIPTION 1548'	FNL & 990' FEL
ELEVATION	3689
OPERATOR NEARBUR	RG PRODUCING CO.
LEASE GRAMA RID	GE EAST 34 ST.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117



LOCATION VERFICATION MAP



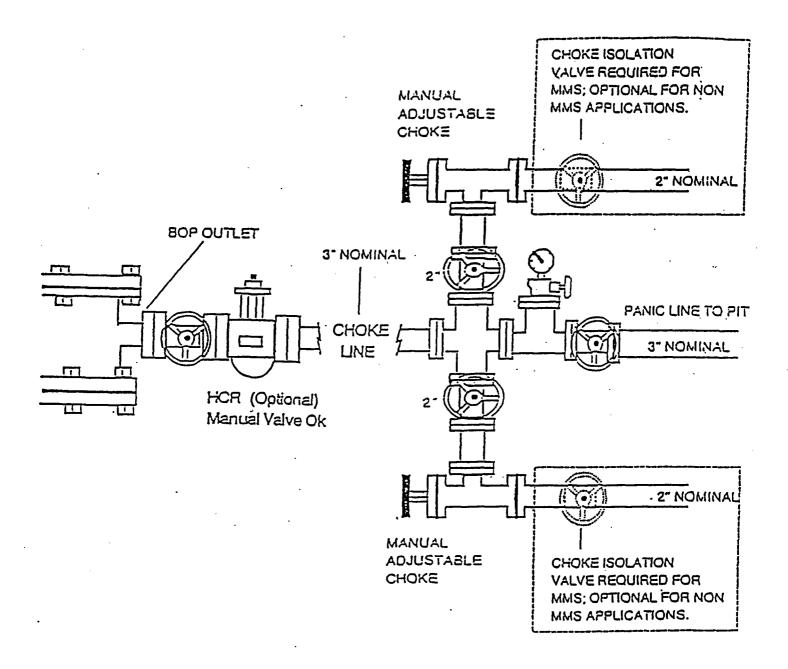
SCALE: 1" = 2000'

CONTOUR INTERVAL: SAN SIMON RANCH, N.M.- 10'

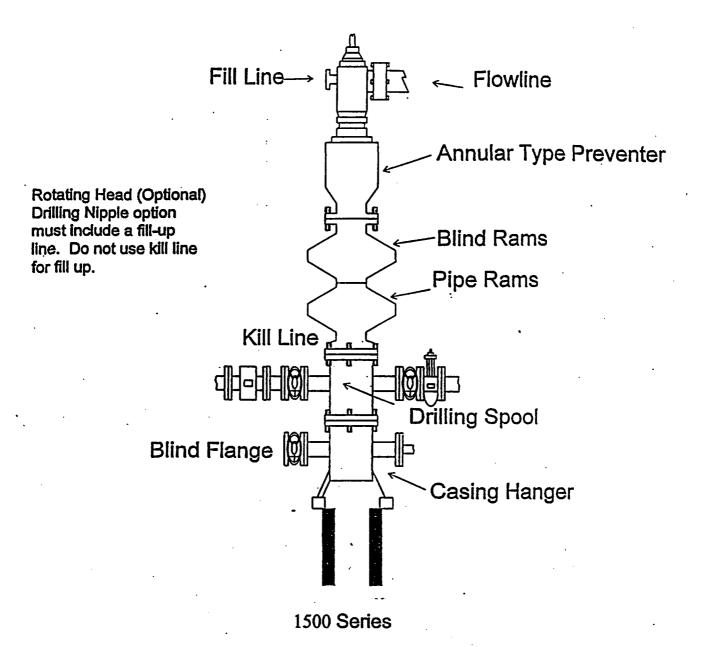
SEC. 34 TWP. 21-S RGE. 34-E
SURVEY N.M.P.M.
COUNTYLEA
DESCRIPTION 1548' FNL & 990' FEL
ELEVATION 3689
OPERATOR <u>NEARBURG PRODUCING CO.</u> LEASE GRAMA RIDGE EAST 34 ST.
U.S.G.S. TOPOGRAPHIC MAP
SAN SIMON RANCH, N.M.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

NEARBURG PRODUCING COMPANY CHOKE MANIFOLD 5M SERVICE



NEARBURG PRODUCING COMPANY BOPE SCHEMATIC



NO OF COPIES RECEI	VEO						Form C Revise	
DISTRIBUTIO	7							· Type of Lease
SANTA FE		1	MEXICO OIL CO				State	
FILE		WELL COMPLE	TION OR REC	OMPLETIC	ON REPOR	T AND LOC	7 I	A. Gas I ease No.
U.S.G.S.							1	6; K-3592
LAND OFFICE			,				777777	(,
OPERATOR		J						
Id. TYPE OF WELL							Lilling Aur	eement Name
Id. 1772,07 WELL	•	. [GAS	ר—ו רעדו				7. Our Au	cent it ivane
b. TYPE OF COMPL	W	ELL GAS WELL	A DRY	OTHER			8. Furm or	Lease Nume
NEW MY	ORK []	PLUG	DIFF.				1	"34" State Com.
2. Name of Operator	VER DEE	PENL BACK	L_ RESVR.L_	OTHER			9. Well No.	
Minerals, In	ic.					,		1
3. Address of Operator					7		10, Field on	nd Pool, or Wildzat
P 0 Box 13	20 Hobbs	New Mexico	88240		, encomp	:	1	idge Morrow Eas
4. Location of Well	ZO, HODDS,	HEN HEXTED		·	·		177777	
				• • •	70.1	,		
UNIT LETTERI		1650	Sout	th	660	*		
DALL FELLER	LULATED	FEET FR	INE	LINE AND	minn	FEET FROM	12, County	~~~{} }}}
THE East LINE OF	34	21 - S	34-E				Lea	
15. Date Spudded	16. Date T.D.	Reached 17. Date	Compl. (Ready to I	Prod.) 118.	Elevations (I)	F, RKB , RT .	OR. etc./ 19.	Elev. Cashinahead
May 21, 1979	9-1-79	1	ober 10, 197		651' GL;			-
20. Total Depth		lug Back T.D.	22. If Multipi			ivals , Reta		, Cable Tools
13,280'		13,188'	Many	. ,			-T.D.	
24. Producing Interval	(s), of this compl		, Name					25. Was Directional Surve
12,824'-13,								Made
	•							Yes
26. Type Electric and	Other Logs Run						27. W	'as Well Cored
CNL-FDC, GR,	CAL, DLL							No
28.		CASI	ING RECORD (Rep	ort all string	s set in well)			
CASING SIZE	WEIGHT LE			 _E SIZE		MENTING REC	.O.S.D	AMOUNT PULLED
16"	65	1,200)"	<u>'</u>			Class "C" Circ.
10-3/4"	45.5			1-3/4"	5400 sx.	lite +	300 sx.	Class "C" Circ.
7-5/8"	29.7) ¹ 5"	900 sx.	lite + 6	00 sx. C	lass "H" Top
								cmt. @ 5250'
29.	i	LINER RECORD			30.		TUBING REC	
SIZE	ТОР	воттом	SACKS CEMENT	SCREEN			EPTH SET	PACKER SET
413"	10,728'	13,279'	500 sx. Cl				0,573	10,573
	10,720	1 - 10,5,5	000 3X1 01	11 0		· · · · · · · · · · · · · · · · · · ·	2,875	12,875
31. Perforation Record	(Interval, size a	nd number) 12.824	4-38.	32.		'		UEEZE, ETC.
12,986-99, 13,		•	•		INTERVAL			ND MATERIAL USED
13,033-36, 13,					4'-13,170		tural com	
foot.	000 11, 10	,100 /0, = 0.						
	•							
33.			PROD	UCTION				
Date First Production	Prod	luction Method (Flow	ing, gas lift, pump	ing - Size ar	id type pump)			s (Prod. or Shut-in)
10-6-79		Flowing					S	I-WOPC
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - 1/		er - Bbl.	Gas - Oil Ratio
10-9-79	44	16/64"		23	6	63	0	28,826:1
Flow Tubing Press. 1,524 PSIG	Casing Pressu	l Hour Eate	011 — Вы.	Gas — 1	ис г 3980	Water — Bbl. 0	Oil	Gravity o API (Corr.)
34. Disposition of Gas	(Sold, used for fi	iel, vented, etc.)				Tes	t Witnessed B	y P. Suinnau
To be connected 35. List of Attachment		ips retroleur	ıı company			A	i Kidar	& J.B. Swinney
DST Summary, De	viation Re							
36. I hereby certify the	t the information		•	e and comple	te to the best	of my knowled	lge and belief.	
/	(///-	The state of the s	LCYITLE_	Presid	ant		0.	cto <u>ber 16, 1979</u>
SIGNED	2-1-7 K	ا حمارات الم	- /TITLE	116210	L116		DATEU	CCODE: 10, 13/9

This form is to be filed with the apprepriate District Office of the Commit 4 n not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one topy of all electrical and introductively logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 31 shall be reported for each zone. The form is to be filed in quintuplicate exception state land, where six copies are required. See Fule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

o. 1, from o. 2, from o. 3, from	nn		tototo	7	fcet fcet	Formation
o. 1, from o. 2, from o. 3, from	nn		totototo	7	fcet fcet	
o. 1, fron	n		toto		fcet	
lo. 1, fron		******************	to	·······	_	,
				TANT WATER SAND		toto
						to
io. 1, froi	n 12	,824	13,170 to	No. 4, from		to
T Cisco	(Bough	C)	_ T	T. Penn. ''A'' _ GAS SANDS OR ZO		_ T
						т
T. Wolfe	amp		T. Morrow Clastic 12	2,713 _{T. Chinle}		т
T. Drink T. Abo	ard		T. Delaware Sand 5,498 T. Bone Springs 8,348	T. Entrada		T
r. Tubb			T. Granite 5.498	T. Todilto		т
	-					_ T
						_ T
						T. Granite
	• • •					T. McCracken T. Ignacio Qtzte
-						T. Elbert
						T. Madison
T. Yate	s. 4,	104	T. Miss	T. Cliff House_		T. Leadville
						T. Penn, "D"
B. Salt.	1,		T. Strawn11,626	T. Kirtland-Frui	tland	T. Penn. "C"
T. Anhy T. Salt. B. Salt.			T. Canyon	T Qio Alamo		T. Penn. "B"

Llano 34 State Com. No. 1

- DST No. 1 Bone Springs: 10,730' 10,800' (70'). Tool open 1 hr. 35 mins., 5 min. preflow, $1\frac{1}{2}$ hrs., initial shut-in, $1\frac{1}{2}$ hrs. final flow, 3 hrs. final shut-in. Tool opened w/fair blow of air and decreased to zero blow in 1 hr. Rec. 6,170' gas and 330' gas cut mud w/trace of oil. Sample chamber recovered: 0.48 cu. ft. of gas, 10 c.c. of oil, 40 c.c. mud at 100 psi pressure. Pressures: initial hydrostatic 5793, preflow 18-18, initial shut-in 1873, final flow 12-18, final shut-in 940, final hydrostatic 5789, BHT 1540 F.
- DST No. 2: 11,110' 11,155' (45'). Tool open 1 hr. 35 mins., 5 min. preflow, 1 hr. 5 mins. initial shut-in, $1\frac{1}{2}$ hrs. final flow, 3 hrs. final shut-in. Tool opened with weak blow of air steady throughout test. Rec. 4665' gas, 180' gas cut mud. Sample chamber recovered: 0.39 cu. ft. gas, 20 c.c. mud @ 85 PSI. Pressures: initial hydrostatic 5980, preflow 12-12, initial shut-in 305, final flow 10-17, final shut-in 398, final hydrostatic 5998, BHT 150° F.
- DST No. 3: 11,265'-11,421' (156'). Tool open 40 mins., 10 min. preflow, 30 min. initial shut in, 30 min. final flow, 1 hr. final shut-in. Tool opened with no blow at surface throughout test. Recovered 1500' of water blanket. Sample chamber recovered: 3.8 cu. ft. gas, 15 c.c. mud @ 550 psi. Pressures: initial hydrostatic 6,089, preflow 749 749, initial shut-in 1,277, final flow 749 749, final shut-in 1,040, final hydrostatic 6,107, BHT 186° F.
- DST No. 4: Strawn 11,690' 11,792' (102'). Tool open 3 hrs., 10 min. preflow, 2 hr. initial shut-in, 2 hrs. 50 mins. final flow, 6 hrs. final shut-in. GTS in 1 hr. 5 mins., flow max 50 MCFPD @ 23 PSI on $\frac{1}{4}$ " choke. Recovered 2000' water-blanket & 630' gas & dist. Pressures: Initial hydrostatic 6,838, Initial flow 958 940, initial shut-in 7,062, final flow 921 1201, final shut-in 6,932, final hydrostatic 6,857, BHT 170°.
- DST No. 5: Atoka 12,173' 12,278' (105'). Tool open 2 hrs. 50 mins., 10 min. preflow, $1\frac{1}{2}$ hrs. initial shut-in, 2 hrs. 40 mins. final flow, 5 hrs. final shut-in. Tool opened with fair blow of air. Gas to surface in 1 hr. 10 mins., flow max 40 MCFPD @ 16 PSI on $\frac{1}{4}$ " choke prior to declining to zero flow @ end of final flow period. Recovered 3000' of gas cut water blanket plus 200' of gas cut mud. Pressures: Initial hydrostatic 7,405, initial flow 1436 1491, Initial shut-in 6658, final flow 1509 1509 final shut-in 6879, final hydrostatic 7401, BHT 178°.
- DST No. 6: Atoka 12,396' 12,630' (234'). Tool open 2 hrs. 10 mins., 1 min. preflow, $1\frac{1}{2}$ hrs. initial shut-in, 2 hrs. final flow, 4 hrs. final shut-in. Tool opened with fair blow of air. Gas to surface 24 mins. After tool opened on preflow. Max flow 60 MCFPD on $\frac{1}{4}$ " choke @ 29 psi. Recovered 1000' water blanket gas cut and 280' distillate and gas cut mud. Sample chamber: 1.25 cu. ft. gas @ 425 psi, 185 cc distillate, 140 cc mud. Pressures: Initial hydrostatic 8059, initial flow 599 599, initial shut-in 7596, final flow 506 599, final shut-in 6893, final hydrostatic 7966, BHT 1780.
- DST No. 7: 12,644' 12,733' (89') Atoka. Tool open 1 hr. 20 mins. 10 min. preflow, 1 hr. 2nd flow, 10 min. 3rd flow, $1\frac{1}{2}$ hr. initial shut-in, 15 min. 2nd shut-in, 2 hr. final shut-in. Open tool with very weak air blow on preflow. No blow during 2nd & 3rd flow periods. Recovered 3000' water blanket plus 30' mud. Sample Chamber: 0.3 cu. ft. gas, trace oil, 500 cc mud @ 75 psig. Pressures: Initial hydrostatic 8148, initial flow 1472-1472, initial shut-in 2410, 2nd flow 1472-1472, 2nd shut-in 1528, final flow 1454-1454, final shut-in 1822, final hydrostatic 8056, BHT 179°.

WELL N.	AME	AND NUMB	ER	Ll	ano S	tate	"34" Cor	<u>m #</u>	1		
LOCATION								<u> </u>	lew Mexico		
	(N	ew Mexico	give	U.S.T	5R: 7	[exas	give S, E	BLK	(, SURV. a	nd TWP)	
OPERAT	OR_	Minerals	s, Ir	nc.						······································	

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

MORANCO

Degrees and Dep	th Degrees	and Depth	Deg	grees	and Depth	De	egrees	and Depth
1/2 21	1 1/2	3670		3/4	8639	1_	1/2	12,180
1/2 51	9 1	3784	1		9125	1_		12,425
1/2 92	2 1	4182	1	1/4	9128		3/4	12,630
1 120	0 1 1/2	4650	1	1/4	9437		1/2	12,902
1/2 147	5 3/4	5150		1/4	9747		3/4	13,275
1/2 174	1 3/4	5638		1/2	10,251			
3/4 197	0 1	6130	1	1/4	10,665			
1 220	0 3/4	6593	. 1		10,800			
3/4 248	8 1	7087	1	3/4	10,951			
3/4 283	0 3/4	7568	1	1/4	11,200			
1 310	8 3/4	7858	1	1/4	11,421			
1 1/4 345	5 3/4	8148	1		11,792	-		

Drilling Contractor

Ву Jerry

Subscribed and sworn to before me this /st day

DRILLING CONTRACTOR

STARY PUBLIC NEW MEXICO

State of New Mexico



ALEX J. ARMIJO COMMISSIONER



Commissioner of Public Lands
October 19, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Minerals, Inc. P. O. Box 1320 Hobbs, New Mexico 88240

> Re: Minerals, Inc.-Llano State "34" Com Well No. 1 E/2 Sec 34-T21S-R34E Lea County, New Mexico

ATTENTION: Mr. G. W. Edwards

Gentlemen:

The Commissioner of Public Lands has this date approved your communitization agreement covering the E/2 of Section 34, Tosnship 21 South, Range 34 East, Lea County, New Mexico. Such agreement covers the MORROW formation. The effective date to be as of May 1, 1979, being the date of your agreement.

Enclosed are Five (5) Certificates of approval.

Your Ten (\$10.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division

AJA/RDG/s encl.

cc:

OCD-Santa Fe, New Mexico

DISTRIBUTION SANTAFE	NEW MEXICO OIL CONSERVATION COMMIS	Supersedes Old C-102 and C-103 SION Elective 1-1-65
FILE U.S.G.S.		50. Indicute Type of Lease
LAND OFFICE	1	State X Fee
OPERATOR]	5. State Oll & Gua Lenne No. E-9659
SUND THIS FORM FOR THE CAN PARENCICA	RY NOTICES AND REPORTS ON WELLS CHARLES TO THE CHARLES OF HIS BACK TO A DIFFERENT ACTION FOR PERCHASILS.	
OIL WELL WILL X	OTHER-	7. Unit Agreement Name
Minerals, Inc.		6. Form of Lease Name Llano "34" State Com
P. O. Box 1320, Ho	bbs, New Mexico 88240	9. Well No.
4. Leastion of Well UNIT LETTER I 1	650 FEET FROM THE South LINE AND 660	10. Field and Fool, or Wildeat Undesignated
1	ON 34 TOWNSHIP 21S RANGE 34E	
	15. Elevation (Show whether DF, RT, GR, etc.)	. 12. County
Check	Appropriate Box To Indicate Nature of Notice, I	Lea ())))))
	· · · · · · · · · · · · · · · · · · ·	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OF CHANGE PLANS CASING TEST AND CEME	
OTHER	OTHER Str	awn completion attempt
17. Describe Proposed or Completed Op- work) SEE RULE 1703.	perations (Clearly state all pertinent details, and give pertinent	dates, including estimated date of starting any propos
9-17-79 - 9-25-79	Perf. Strawn w/2 JSPF @ 11,712-14, 11,7 11,742-44, 11,746-52, 11,759-61, 11,770 7000 gals. 20% HCL and ball sealers. R Acidized perf. 11,712 to 11,786 with 15 containing 25# of XR-2 plus 5# FR-16 pl for each 5000 gal. stage. Recovered 68 of oil and gas. Squeezed Strawn perfs. containing .2% HR-4 & .9% Halad 9 per s 1000 lbs. for 30 minutes with no pressu out to PBTD 13,188. Prep. to complete	1-72, 11,784-86. Acidize with ecovered 204 bbls. load water. 4,000 gals. 20% acid in 3 stages us 1.5 gal. LT-22 & 1 gal. I-15 to bbls. load water with trace w/200 sx. Class "H" neat cmt. x. Tested squeeze perf. to the loss. Drill out and clean
		·
	COOME TO TRAIL TO A SECOND TO	
18. I hereby certify that the infogration	above to true and complete to the best of my knowledge and beli	oare October 12, 1979
Jikin Son	SUPERVISOR DIST	RICT 1 0CT 2 2 1979
CONDITIONS OF APEROVAL, IF KNY		

NEW MEXICO OIL CONSERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Form C-122 Revised 9-1-65

[X] Initial				Anteral				erata i	10/9/7	' 9					
Minera	ls, In	c.			<i>N.</i> 1.1	Ph	illips	Petr.	Co.	*						
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	gnated		<u>Ridge)</u>			up	per Mor			·						 -
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MINILAMES, INC.
LLAND 34 STATE COM. No.1

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JARREL SERVICES, INC.

ILLEGIBLE

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS. NEW MEXICO 88240

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OPERATOR linerals Inc.
FIFID Indesignated
FORMATION Morrow-A
LEASE Litano 34 State Com WELL #1
COUNTY Lea STATE New Mexico
DATE October 9, 1979 TIME 9:25 AM
Status Shut in
Test Depth
Time S. 1. 90.0 hrs. Last test date
Tub Pres. 1635 DWT BHP last test
Cas. Pres. Dual BHP change -
Fley Soff AR-31 Fluid top None
Datum 1-91591 ** Water top None
Temp. @ 108°F Run by JSI #20
Cai. No. 1 18:178 N Chart No. 1

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	4635	- .
2000	4800	.083
4000	4984	.092
6000	5170	.093
8000	5358	.094
10000	5546	.094
10600	5603	.095
12831	(- 9159). 5815 * **	(.095)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS

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NEW MEXICO OIL COINTERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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		ours_		120		7 0		-02	5.01			Pack	er			
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6	- 4/4 - 4	_							v Temo.	Ī	Gravity		Super			
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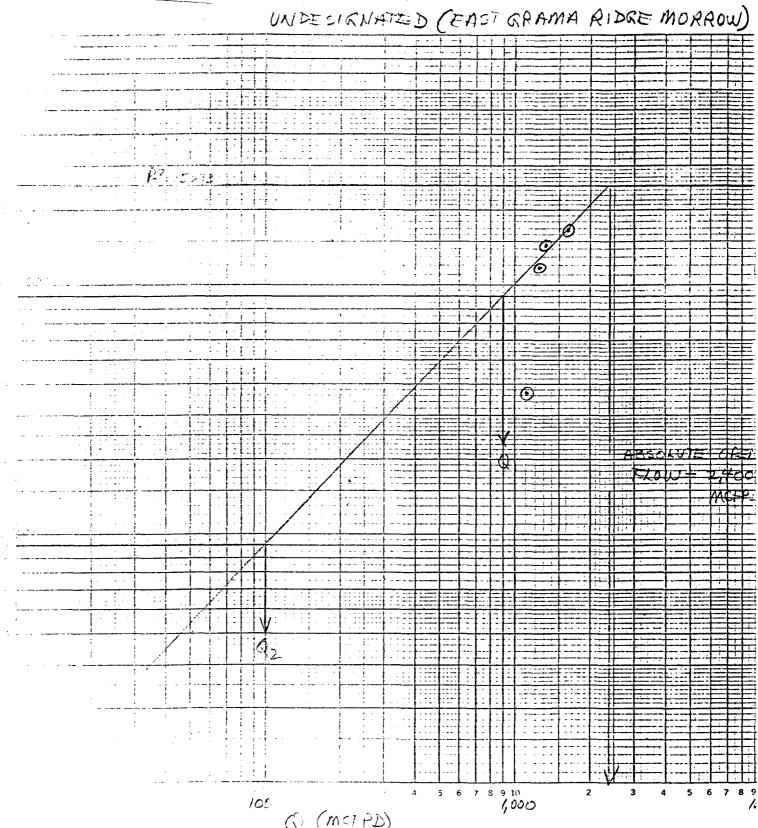
MINERALS, INC. LLAND 34 STATE COM. No.1

I, 34-215-34E

LÉA COUNTY, NEW MEXICO

LOWER MORROW

ILLEGIBLE



((MCIPD)

LOG G, = 2,954243 2.000000 = 0.954

JARREL SERVICES, INC.

OST OFFICE BOX 1654

PHONE 505 393-5396

ILLEGIBLE

HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

Depth	Pi	essure	:	Gradient
0		5014		
2000		5322		.154
4000		5644		.161
6000		5966		.161
8000		6288		.161
10000		6612	٠	.162
12000		6936		.162
13078	(-9427)	7140	* *	.189

** MIDPOINT OF CASING PERFORATIONS

_	ai. No	1 104/5 5		*	····	Pressure		
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4000						è		
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307								

COMMUNITIZATION NAME:

Minerals, Inc.-LLano State "34" Com Well No. 1

DATE APPROVED:

OPERATOR:

34-21S-34E

Minerals, Inc.

EFFECTIVE DATE: COUNTY:

October 19, 1979 May 1, 1979 Lea

TOTAL ACREAGE:

320.00

STATE ACREAGE:

DEDICATED TO:

A11

ENSTITUTION:

Common Schools

MORROW FORMATION

TERM OF COMMUNITIZATION:

1 yr. and so long as

WELL LOCATION:

NE/4SE/4 (I)

20.00		٠					
160.00	LLano, Inc.		K-3592-2	NE/4	34E	218	34
160.00	Gulf Oil Corporation		E-9659	SE/4	34E	21S 34E	34
ACREAGE		LESSEE	LEASE NO.	SUBDIVISION	RGE.	SEC. TWP. RGE	SEC.

THIS ACREAGE IS WITHIN THE GRAMA RIDGE UNIT.

DISTRIBUTION SANTA FE	NEW MEXICO OIL CORSE	ERYATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
U.S.G.S. LAND OFFICE OPERATOR			State Ul & Goa Leane No.
			E-9659
SUNDR (DO NOT USE THIS FORM FOR MADE (DO NOT USE THIS FORM F	Y NOTICES AND REPORTS ON A	WELLS 18 TO A DIFFERENT RESERVOIR. PHOPUSALS.)	7, Unit Agreement Earns
2. Nome of Operator	OTHER*	· · · · · · · · · · · · · · · · · · ·	6. Farm or Lease Name
Minerals, Inc. 3. Address of Operator			Llano "34" State Com.
P. O. Box 1320, Hobbs,	New Mexico 88240	•	9. Well 100.
4. Leadton of Well			10. Field and Fool, or Wildoot
UNIT LETTER	650 FEET FROM THE South	LINE AND 660	Undesignated Morrow
THE East LINE, SECTION	34 TOWNSHIP 21S	RANGE 34E NMP	
	15. Elevation (Show whether D	· · · · · · · · · · · · · · · · · · ·	12. County
	3651 GL, 3671	· *** ***	Lea
Check A	ppropriate Box To Indicate Na TENTION TO:	-	ther Data IT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPGRARILY ABANDON		COMMENCE DRILLING OPHS.	PLUG AND ABARDONMERT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB X	· [-
OTHER		OTHER	
17 Describe Protocol of Completed One	rations (Clearly state all pertinent detail	s. and give pertinent dates, including	a estimated date of starting any propose
work) SEE RULE 1103.	, attoms (commo , commo ero per , and a commo	of and Broo Pertinent agent inclination	g commence onto by states, g and proposes
6½" hole. Set Class "H" w/.8 WOC 24 hrs. D	n 2543' of 4½", 13.3#, P- liner at 13,279'. Top of % Halad 22 plus .4% CFR-2 prilled out cement to 13,18 cement to top of liner.	f liner at 10,728'. Ce and 5# KCL/sx. Plug o 88'. Tested liner, OK.	emented with 500 sx. Hown at 3:40 p.m. 9-3-79.
8. I hereby certify that the information at	hove is true and complete to the best of n	ny knowledge and belief.	
IGNED Jonale Z.	Jarl 7 mics	President	September 19, 1979
PERMOVED BY	SUPEI	RVISOR DISTRICT	SEP 24 19 79

	i		Supersedes Old
DISTRIBUTION			C-102 and C-103
SANTAFE	NEW WEXICO OIL	CONSERVATION COMMISSION	Effective 1-1-65
FILE	!		
U.S.G.S.			50. Indicute Type of Lease
LAND OFFICE	1		State X Fee
OPERATOR			E-9659
	Y NOTICES AND REPORTS	ON WELLS HELD BACK TO A DIFFERENT RESERVOIR, HISUSH PROPUBLIS.	
OTE GAS WELL X	OTHER-		7. Unit Agreen.cot Nan.e
2. Name of Operator		- ~ - c = 7 - 7 - D	6. Farm or Lease Hame
Minerals, Inc.		(ECEIVED ID	Llano "34" State Com
P. O. Box 1320. Hobbs	, New Mexico 88240	4 July 3 2 1979 HH	9. Well No.
4. Lecution of Well	1:		10. Field and Pool, or Wildest
UNIT LETTER	1650 FEET FROM THE SAU	thonstreation 66051011	Undesignated Morrow
·		SANTA FE	
THE East LINE, SECTIO	on 34 TOWNSHIP 2	1S RANGE 34E	MPM. (
	15. Elevation (Show who	ether DF, RT, GR, etc.)	12, County
	3651 GL, 367	1 DF .	Lea
Check A	Appropriate Box To Indicat	te Nature of Notice, Report of	· Other Data
NOTICE OF IN		_	ENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPCRARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABAHDOHMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB X	r
•	·	OTHER	l
OTHER			
DV tool at 8,2 w/400 sx. Lite Class "H" Constage tool 9:0 Cemented 2nd sfollowed by 30 4:45 a.m. 7-7 ture survey.	202' and float collar e cmt. containing .6% taining .8% Halad-22 a 00 p.m. 7-6-79. WOC 6 stage w/500 sx. Lite c 00 sx. Class "H" w/.8% -79. WOC 4½ hrs. Top Total WOC 24 hrs. Ni ol and tested with 125	29.7# S-95 casing in 9½" at 11,157'. Cemented 1st Ha1ad-22, ½# Flocele per nd 4% CFR-2 plus 5# KCL/s hrs., circ. 50 sx. off tmt. w/.6% Halad-22, plus Halad-22, 4% CFR-2 plus cement behind 7-5/8" csg ppled up, installed BOP a O PSI 30 mins OK. DriOK. Job completed 7-9-79	stage (11,200' - 8,202') sx. followed by 300 sx. ex. Plug down and open cop of first stage. %# Flocele per sx., 5# KCL/sx. Plug down extra to 5,250' by tempera- end yellow jacketed. lled cement and shoe.
18.1 hereby equify that the information a	Sove is time and complete to the be	President	July 10, 1979
stenen.	11111		
A PHOVED BY	SullaSI	UPERVISOR DISTRICT	DATE
CONDITIONS OF ADMINOVAL, IF ANVI			

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

376

peratri Minerals, Inc. Llano "34" State Com. ತಿ**ಕ**ುಡಿಗ hit Jetter 21 South 34 East Lea Actual Exerge Location of Well: 1650 South 060 test from the Frequenting Formation Tround , gvel Elev. 3651.3 Grama Ridge Morrow, East Morrow 320 1. Outline the acreage dedicated to the subject well by colored pencil or nachure marks on the plat below 2. If more than one lease is dedicated to the well, outline each and identify the ownership there if both as in working interest and rovalty) 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consultdated by communitization, unitization, force-pooling, etc? If answer is "yes." type of consolidation ______ Communization If answer is "no," list the owners and tract descriptions which have actually been amsolidate? I se reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated five amministration, unitization, forced-pooling, or otherwise for until a non-standard unit, eliminating such interests, has been approved by the Commission. SRT F TATION K-3592 W.I. = Minerals, et al (Same as Lease E-9659) R.I. = State of N. M.President Minerals, Inc July 25, 1979 E-9659 W.I. = Minerals, et al (Same as Lease K-3592) R.I. = State of N. M.Februar/ 16,19

NO. OF COPIES REC	EIVED						Form C-103	
DISTRIBUTIO	N						Supersedes Oli C-102 and C-10	
SANTA FE		NEW	MEXICO OIL	CONSERVA	TION COM	MISSION	Effective 1-1-6	
FILE								
U.S.G.S.							5a. Indicate Type State X	<u></u>
OPERATOR						•	5. State Oll & Gas	Fee L
UPERATOR .							E-9659	Le 350 No.
{00 HOT USE	SUN THIS FORM FOR	IDRY NOTICES AN	ND REPORT	S ON WEL	LS A DIFFERENT	RESERVOIR.		
1. OSL WELL	GAS X	OTHER-	•				7. Unit Agreement	Name
2. Name of Operator	•						8. Farm or Lease	
Mineral								" State Com.
		Hobbs, New Mex	ico 88240	·)			9. Well No.	
4. Location of Well	<u> </u>	1650 FEET FR	Sout	:h	4E AND6	60 FEET FRO	Undesignate	-
THE Eas	t LINE, SE	CTION34	_ TOWNSHIP	?1S	RANGE	34E		
mmmm	mm	THITTIE THE	vation (Show w	harker DE B	T CP			HHHH
		111111111111111111111111111111111111111	3651 GL,		r, on, etc.,		12. County Lea	
16.		k Appropriate Bo		ite Natur	of Notice	-		
	NOTICE OF	FINTENTION TO:				SUBSEQUEN	T REPORT OF:	
PERFORM REMEDIAL W	ORK	, PL	.UG AND ABANDON	REMI	EDIAL WORK		ALTERIN	IG CASING
TEMPORARILY ABANDO	m 🔲			СОМІ	MENCE DRILLIA	46 OPNS.	PLUG AN	D ABANDONMENT
PULL OR ALTER CASIN	۵ 🗌	Сн	ANGE PLANS	CASI	NG TEST AND C	X BPC THEMES		
OTHER			·	. D	THER		···	
17. Describe Propose work) SEE RULE	d or Completed	Operations (Clearly s	tate all pertine.	nt details, a	nd give pertin	ent dates, includin	g estimated date of st	arting any proposed
	ov tool at salt, 3#cg per sx. (1400 sx. L down 10:20 csg. to 50	oints, 5773' of 3863'. Cemer 361 sonite & 12' or culated, 300 itewate cent. O p.m. 6-9-79. O psi - 30 min 30 psi - 30 psi	nted 1st s nted 1st s floorele p sx. WOC Sootaining Cement c n. No pre	tage wi per sx. 7½ hrs. 15# sa circulate ssure d	th 1000 s followed , open D lt, 3# G ed. WOC rop. Dr	sx. Litewate by 300 sx. V tool & cmt ilsonite & ½ 24 hrs., dr ld. out floa	cmt. contain Class "C" with . second stage " Flocele per ld. out DV too t and csg. sho	ing 6# h ¼" Flocele e with sx. Plug ol, tested oe, tested
						•		
							·	
	\							
.8. I hereby certafy the	ut the informati	ian above is frue and c	complete to the	best of my k	nowledge and	belief.		
V /	// 1	1-11	/	•	-			
7	L. VIV	1. 1/10	rl 77	Pre	sident		•DATE June	14, 1979
IUNEO							_ 5412_54116	
	Rezze	Left.	S	UPERV	ISOR D	DISTRICT I	DATE NIN 9	0 1979
ONDITIONS OF API	PROVAL IF A	NY:			· · · · · · · · · · · · · · · · · · ·		_ UAICI	
Sasting of Me		··	•					

	- 		Supersedes Old
DISTRIBUTION	- NEW VENICO OF	L CONCERNATION CONNECTION	C-102 and C-103
SANTA FE	- HEW WEXICO OF	L CONSERVATION COMMISSION	Effective 1-1-65
FILE	_		50. Indicute Type of Leaso
U.5.G.S.	-		ו וי⊽ו ר
LAND OFFICE	- [••	
OPERATOR	J		5, State Off & Gas Lease No. E-9659
SUND THE FORM FOR SHE	RY NOTICES AND REPORTED TO SECURE	TS ON WELLS	
1.	a -	ECETA	7, Unit Agreement Nucle
west West M	OTHER-		
2. Name of Operator	1771	JUN 7 - 1979	6, Form or Lease Name
Minerals, Inc.		AN DIVISION	Llano "34" State Com.
P. O. Box 1320, Hobbs	s, New Mexico 88240	CONSERVATION DIVISION SANTA FE	9. Well No.
4. Lecation of Well		Similar	10. Field and I'ool, or Wildest
UNIT LETTER			Undesignated Morrow
		•	
theLine, seer	10W 10WHSHIP	21S 34E	_ RMPM. (()))))))))))))))))))))))))))))))))))
ander de nit given tende met met met met met met met met met me			
	15. Elevation (Show 3651 GL, 36	whether DF, RT, GR, etc.)	12. County Lea
	7-7-7-7-7		
		cate Nature of Notice, Report	
NOTICE OF I	NTENTION TO:	SUBSEC	QUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABAND	ON THEMEDIAL WORK	ALTERING CASING
TEMPGRARILY ABANDON	FEGG KAD ADAM	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	r r r	
- Voca da Xerea exstad	Change / Lans	OTHER	
ОТИЕВ			
Ran 1176' of 16", followed with 200 at 1:45 a.m. May 2	sacks Class "C" conta	cemented at 1200' with 11 aining 2% calcium chloride 400 sacks. After WOC 24	per sack. Plug down
			·
	•		
		•	
e ¹			
			•
0 0			
18, I hereby effile that the information	s the and complete to th	e best of my knowledge and belief.	
1//-	$\mathcal{I} \mathcal{I} \mathcal{I} \mathcal{I} \mathcal{I} \mathcal{I} \mathcal{I} \mathcal{I} $	ъ.	
BIGHED Onald	CANT ME	President	May 31, 1979
	THE		
(/	1. 1/2	armontias.	
LOTHOVED BY SEMIX	The series !	SUPERVISOR DISTRICT	11 DATE 111N 4 1979
CONDITIONS OF APPROVAL, IF ANY			
<i>(</i> /			

. OF COPIES RECEIVED	 					1 1620
DISTRIBUTION	NEW	MEXICO OIL CONSE	ERVATION COMMISSIO		Form C-101 Revised 1-1-6	35
SANTA FE	-			ſ		Type of Lease
U.S.G.S.	 - 				STATE	
LAND OFFICE	 					& Gas Lease No.
OPERATOR					E-9	
	1				iinn	mmmini.
APPLICATION	FOR PERMIT TO	DRILL, DEEPEN.	OR PLUG BACK			
1a. Type of Work					7. Unit Agre	ement Name
DRILL X		DEEPEN	פו ווכ	васк		
b. Type of Well		DEEL EN			8. Form or L	ease Name
OIL GAS WELL X	OTHER		ZONE X MU	ZONE	Llano	State "34" Com.
2. Name of Operator					9. Well No.	
Minerals, Inc.			- 			1
3. Address of Operator						d Pool, or Wildcat
P. O. Box 1320, Ho					Undesi	gnated, Morrow
4. Location of Well UNIT LETTER	I LOC	ATED 1650	FEET FROM THE <u>SOUT</u>	<u>h</u> LINE		
650	, .	2.4	010	}		
AND 660 FEET FROM T	HE East LIN	E OF SEC. 34	TWP. 215 RGE. 3	4E NMPM	12. County	<i>mithilli</i>
				11111111	Lea	
	HHHHHH	HHHHHH	HHHHHH	<i>HHHH</i>		HHHHHH
		HHHHH	19. Proposed Depth	19A. Formation		20, Rotary or C.T.
			13,400'	Morrow		Rotary
21. Elevations (Show whether DF, F	RT, etc.) 21A. Kind	& Status Plug. Bond	21B. Drilling Contractor	11011 01		Date Work will start
3651 GL, 3671 DF,	3673 RDB E	31anket	Moranco		1	15 , 19 79
23.		ROPOSED CASING AN			. 	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	SETTING DEPTH	I SACKS OF	CEMENT	EST. TOP
20"	16"	65#	400'	45		Circulate
14-3/4"		45.5#	5.700'	240		Circulate(DV Too
9-1/2"	10-3/4" 7-5/8"	33.7#	11,200'	60		8,000' (DV Tool)
6-1/8"	5-1/2" Line	^L 23#	13,400'	15		Circulate
		•	Top at 11,00	0'	•	
BLOWOUT PREVENTER	R PROGRAM: (Se	ee attached scl	nematic)			
	·		•			
Open hole logs w portion brought b			casing point (4	00') to T	D, with	the Gamma Ray
WOC time on 10-3,			24 hours			
OCD Order No. R-9 Acreage dedi <u>c</u> atio				oration u	nit is r	nendina
nor eage acargage.	in incurring bere	,, c 000 , 01	ton scandard pr	or a cron a	1110 13 1	charing.
	أ المستقد المس					
,	· Air or · · ·					
IN ABOVE SPACE DESCRIBE PROTIVE ZONE, GIVE BLOWOUT PREVENTED	POSED PROGRAM: IF I	PROPOSAL IS TO DEEPEN (OR PLUG BACK, GIVE DATA O	N PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODUC-
I hereby certify that the information	spoye is true and come	olete to the best of my k	nowledge and belief.			
Signed Jour	1	Tille Pres	sident	1)ate	May 2, 1979
(This space for St	inte Use)	1				
(This space for St		/	TICOD DICTO	ו יוש)	Do 0.5	_
APPROVED BY	11005	TITLE SUPER	VISOR DISTR		ATEMAY	3 1070
CONDITIONS OF APPROVAL, IF	ANY:				•	

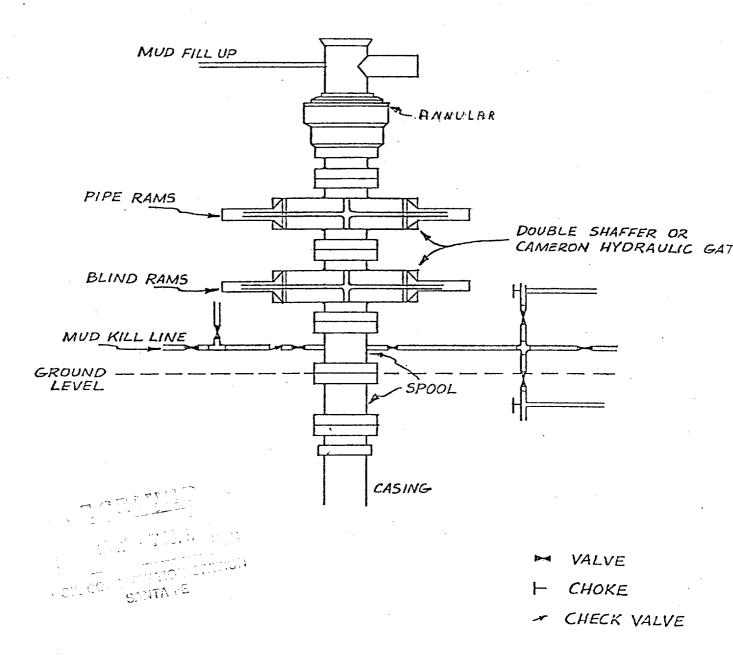
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192 Supersedes C-128 Effective 1-1-65

Ronald J. Eldson

perater Minerals, Inc. "34" Com. Llano State . e 1 147 21 South 34 East Lea ration of Well: A i -11ae 1650 South East feet from the Perioding Formation Smound Level Slev Undesignated ledicated Acre me-320 * 3651.3 Morrow Acres 1 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royaltv). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? * Communitization of Two State Royalty If answer is "ves," type of consolidation Leases (K-3592 & E-9659) is Pending. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION * Acreage Dedication K-3592 Hearing for a Non-I hereby certify that the information con-W.I. = Minerals, et al tained herein is true and complete to the standard Proration (Same as Léase E-9659) best of my knowledge and belief. Unit is Pending. R.I. = State of N. M.President Minerals, Inc May 2, 1979 hereby certify that the well location E-9659 W.I. = Minerals, et al (Same as Lease K-3592) R.I. = State of N. M.knowledge and belief. Date Surveyed February 16, 1979 Registere: Frotessional Engineer and or I and Surveyo John 67

BLOW-OUT PREVENTER SCHEMATIC



MINERALS, INC.

LLANO STATE "34" COM. NO. 1

1650' FSL & 660' FEL, SEC. 34, T21S, R34E

LEA COUNTY, NEW MEXICO

S	a Salambay of A.F. Pishor Compto				C Copyright	ed Reproduction Prohibited
COUNT	Y LEA	FIELD Gra	ma Ridge		STATE NM	
OPR	MINERALS, INC.				API 30-	025-26318
NO		"34" Stat	ce Com.		MAP	
	Sec 34, T21S,	R34E			(0.050	
	1650' FSL, 660	' FEL of S	Sec		11-	2-25
	18 mi SE/Halfw	ay	SP	o 5-21-7	9 (MP 10-	9-79
csc,	1411 10001		WELL CLASS:	INI D II	NDG HILV	L & S
	16" 1200' w/130		FORMATION	DATUM	LORMATION	DATUM
	10 3/4" 5773' 1	v/700 sx				
	7 5/8" 11,200'	w/1500 sx			 	
	4 1/2" 1nr 10,	736-13,279) • • • • • • • • • • • • • • • • • • •		 	
	w/500 sx				<u> </u>	
			тр 13,280'	(BRNT)	PBD13,1881	
	IP (Morrow) Pe	rfs 12,824	-13,170' H	3980 M	CFGPD. Po	t
	based on 24 hr CP Pkr; TP 482	test thru				

CONIR Moranco #1 OPRSELEV 3651' GL PD 13,400' RT

```
F.R. 5-14-79
             (Morrow)
             Drlg 823' '
5-22-79
5-30-79
             Drlg 3852'
6-13-79
             Drlg 6297'
6-26-79
             Drlg 10,759' 1m, sh & cht
7-10-79
             Drlg 11,300'
7-17-79
             Drlg 11,540'
7-31-79
             Drlg 12,278'
             DST (Strawn) 11,590-792', open 3 hrs w/Good Blow,
             GTS in 1 hr 5 mins (during FF) @ 50 MCFPD, rec
             2000' WB + 630' GCD (Sampler rec .1 CFG + 300
             cc's oil + 1020 cc's wtr) 2 hr ISIP 7062#, FP
             958-1201#, 6 hr FSIP 6932#, HP 6839-6839#
8-7-79
             Drlg 12,570'
             DST (Atoka) 12,176-278', open 2 hrs 55 mins, rec
             3000' WB + 200' GCM, 1 hr 30 min ISIP 6578#, FP
```

11-2-25 NM

LEA		Grama Ridge	NM
MINERALS,	INC.	1 Llano "34" State Com. Sec 34, T21S, R34E	Page 2
		Jec 34, 1215, R34E	
8-779	Continued		
	1351-1463#,	5 hr FSIP 6820#, HP 7436-7	399#, BHT
	78 deg		•
8-22-79	Drlg 13,109	•	
10-10-79	TD 13,280';	PBD 13,188'; P/Test	
	Perf (Strawn	n) 11,712-714', 11,717-719'	, 11,723-
	725', 11,730	0-736', 11,742-744', 11,746	-752', 11,759-
	761', 11,770	0-772', 11,784-786' w/2 SPF	
	Acid (11712-	-786') 46 Bbls (20%)	
	Flwd @ 372 N	MCFGPD + 16 BO/24 hrs (11,7	12-786')
	Acid (11,712	2-786') 15,000 gals	
	Swbd Dry (11	1,712-786')	
	Sqzd 11,712-	-786' $w/200 \text{ sx } \& \text{ DOC to } 13,$	188'
	Perf (Morrov	v) 12,824-838', 12,986-999'	, 13,002-

Continued
004', 13,008-018', 13,020-026', 13,033-036', 13,038044', 13,165-170' w/2 SPF
Natural
Flwd 140 BO (gty 51) + Gas @ 3980 MCFPD 24 hrs
thru 16/64" chk TP 4825# (12,824-13,170')

11-5-79
TD 13,280'; PBD 13,188'; Complete
LOG TOPS: Salt 1856', Base Salt 3810', Yates 4104',
Seven Rivers 4459', Delaware Sand 5498', Bone
Spring 8348', Strawn 11,626', Atoka 11,908',
Morrow 12,713', Barnett 13,235'
Rig Released 9-6-79
COMPLETION ISSUED

11-2-25 IC 30-025-70160-79

Petroleum Information.			6) C	e Barraderines Franklines
COUNTY LEA FIELD C	rama Ridge		STATE NM	
OPR MINERALS, INC.			AP130-02	5-26318
NO 1 HASE Llano "34" Sta	te Com.		MAP	
Sec 34, T21S, R34E			(O-OR.)	
1650 FSL, 660 FEL of Se	C.			-33 NM
18 mi SE/Halfway	RE SP	o 11-30-	79 Km 12-1	24-79
CSC	WELL CLASS: IN	IT DX FIN	DG LSE. CODE	
16-12 00-13 00 sx	FORMATION	DATUM	FORMATION	DATUM
10 3/4-5773-700 sx				
7 5/8-11,200-1500 sx				
4 1/2-1nr-10,736-13,279-50	0 sx			
	10 13,280	(BRNT)	PBD 13,188	
IP (Morrow) 12,824-13,170	F 3425 MCF	GPD. Po	t based on	24 hr

CONTR OPRSEES 3651 GL SUB-S

test thru 13/64 chk. GOR (NR); gty (Gas) NR; (Cond) (NR); CP

Pkr; TP 2800

F.R.C. 9-26-81 OWWO PD 13,188 WO (Morrow) (Orig. Comp. 10-9-79 thru (Morrow) Perfs 12,834-13,170, OTD 13,280, OPB 13,188 9-21-81 TD 13,290; PBD 13,188; Complete Acid (12,824-838) 2500 gals Perfs would not flow (12,824-838) Acid (12,986-13,170) 5700 gals Flwd 430 MCFGPD + 7 BO + 24 BW in 24 hrs, TP 95 (12,986-13,170)Perf (Morrow) 12,986-999, 13,002-004, 13,008-018, 13,020-026, 13,033-036, 13,038-044, 13,165-170 w/2 SPF Acid (12,986-13,170) 1000 gals 9-26-81 COMPLETION ISSUED

> 9-4-33 NM IC 30-025-70493-81

District I

P.O. Box 1980, Hobbs, NM 88241-1980

Energy, Minerals and Natural Resources Department

Revised February 10, 1994 Insturctions on back

Form C-104

District II

P.O.Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

District III 1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088 2040 South Pacheco

District IV				e, NM 87					T AMENIC	ED REPORT	
P.O. Box 2088, Santa F	e, NM 87504-2088		Ountai	C, 14141 O7	000				AMEN	JED KEPOKI	
1		JEST FOR AL	I OWARI E		THORIZATIO	N TO	TDANCD	OPT			
1 Operator name an		JEST POR AL	LOVVADEL	AND AU	HONIZATIO	2	OGRID Numb				
	er Operating,	. Inc.					017081	ν,			
P O Box 16		,				3	Reason for Fil	ing Code			
Roswell, N	M 88202							tive March	1, 1998		
API Number		⁵ Pool Name		_		*		⁶ Pool Code	- 		
30-025-263	318	Grama Rid	ge Morrow,	East				77690			
⁷ Property Code	(3)	8 Property Name	4-4-					9 Well Numb	er 1		
737		Liano '34' S	late							-	
111 1-4	10 Surface L Section	Ocation Township	Range	Lot. Idn	Feet from the	N-45	/South line	F44	1 =		
UI or lot no.	34	215	34E	LOL IUII	1650	Notifi	S	Feet from the 660	EastWest line	County Lea	
•	<u> </u>	ole Location	<u> </u>		1 .555	I			<u> </u>	Lou	
UI or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North.	/South line	Feet from the	East/West line	County	
	ļ									,	
12 Lse Code		ng Method Code	14 Gas Conr	ection Date	C-129 Permit Numb	er ¹⁶	29 Effective D	ate	7 C-129 Exp	iration Date	
S	Shut in										
III. Oil and Ga	s Transporte				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
¹⁸ Transporter OGRID	ļ	¹⁹ Transporter Name and Address		20	POD	21 O/G		22 POD ULSTI and Desript			
138648	Amoco Pi	ipeline ICT			1046310	0		and position			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	P O Box										
	Midland	TX 79702									
	Midialiu,	IX 19102									
				 						·	
***				188							
IV Produced \	<i>N</i> ater										
²³ POD			24	POD ULSTR LO	cation and Description	n					
2806903											
V. Well Comp	oletion Data	²⁶ Ready Date	27	TD	1 28	DRTD		29	Perforations		
25 Spud Date		- Ready Date		10	²⁸ PBTD				renorations	•	
30 H	ole Size	31	Casing & Tubing	Size	32 Depth Set			1	33 Sacks Cement		
						•					
					<u> </u>		·				
VI Well Test [
34 Date New Oil	35 Gas	Delivery Date	³⁶ Tes	t Date	Test Length	38	Tbg. Press	ure	Csg. F	Pressure	
40 Choke Size	41	Oil	42 16	/ater 4	3 Gas	4	AOF		6 Test	Method	
CHOKE SIZE		5.	"		Gas	l	AUP		iest	maulou	
46 hereby certify the	at the rules of the O	il Conservation Division	have been compli	ed		OII (CONSER	VATION D	VISION		
		s true and complete to t				J \					
knowledge and belief.	_		//					_			
Signature:	I'm	111/2/	1	pproved by:	hi	. <i>D</i> l	11.				
Printed Name: Rex Corey Jr. Approved by: Mus Welliam Title: DISTRICT 1 SUPERVISOR									<u></u>		
Rex Corey	Jr.	0		Į.	กเรา	BIOT	1 SUP	ERVISO	ł i		
Title:		0 - 4			pproval Date:						
VICE	- presi	das			1.		···		 		
Date:	1910	Phone:									
47 μμια το σ	of operator 400 to 4	OGRID number and n	ama es th						<u>"</u>		
OGRID #0		Apache Co		us operator							
12 15	Previous Operator			Р	rinted Name			Title	·	Date	
Much	11. KY	BUtur			Pamela M.L	.eighto	n Si	Regulatory	/ Analyst	2/17/98	

District I PO Box 1988, Hobbs, NM 88241-1988

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994 Instructions on back

Previous Operator Signature

District II 811 South First, Artesia, NM 88210 District III 2040 South Pacheco 1000 Rio Branos Rd., Azisc, NM 87410 District IV 2040 South Facheco, Santa Fe, NM 87505 I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO								1. 1. 1.	it to Approp			
I.	K	EQUESI		LLOWABI	LE AN	D AU	THUK	ZAII	ON IO IK	OGRID Nu		
Apac	he Cor	poration	•	DE 884 Aug				Ì	00873			
2000	Post	Oak Blv	d - Ste	100				Ţ		Reason for Fili		
Hous	ton, T	X 7705	6-4400]	CO eff	: 10/1/9	6	
	PI Number		-	- 4 4	_	Pool Name	-			777	* Pool Code	
30 - 0 25-			Gr	rama Ridge							590	
1874	operty Code	<i>'</i>		Lano -34-		Com	mt			001	' Well Number 1	
		Location										
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knowledge and Signature:	belief	lia	has	th		Арргоч		5	The second	1 now		
Printed name:	Juli	ia North				Title:	1	(7)	35. 30	,	<u> </u>	
Title:	Sr Pro	duction	Analyst	t		Approva	al Date:		N	INV BA	1996	
Date: 10/2	25/96			13-296-712	22							
If this is a c	hange of or	perator (III in I		umber and name		rious opes	rator					

Printed Name

Title

Date

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994

District II 811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office 5 Copies

District III

3/12/96

1000 Rio Brazo District IV				Sant	a Fe, l	NM 87.	505	<i>→ 1 ∵</i>	14	8 6	AME	NDED REPORT
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Cao	te sue		Oil .	,	water		4 Gas		4 A	OF		** Test Method
⁴⁷ I hereby cert	ify that the n	iles of the Oil C	onservation I	Division have be	n complied							
knowledge and		given above is	true and con	riplete to the best	or my			-,60	NSERVA1	TION I	DIVIS	ION
Signature.	-/ Ju	lia	Act	lu		Approv	ed by:	De	crep	Sey	0	
Printed name.	Julia	North				Title:		D	<u>istrión</u>	1.80	EKVI:	SOR
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277/07/ 2 O. Box 1980, Hobbs, NM 88241-1980

DISTAICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

CISTRICT III
COO Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Energy, Minerals and Natural Resources Department

Form C-104 , [4:15:14 Revised February 10,1994 Instructions on back

Submit to Appropriate District Office
5 Copies 5 Copies

☐ AMENDED REPORT

State of New Mexico

Surface Location Township Range Lot.lidn Feet From The North/South Line Feet From The East/West Line County I 34 218 34E Bottom Hole Location Torkiston (Section Township Range Lot.lidn Feet From The North/South Line Feet From The East/West Line County LEA Code () Producing Melhod Code () Gardina Code	STRICTIV D. Box 2088, Santa Fe, NN		IEST EOD			ITHORIZA				AMENDE	D REPORT
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	Date		Telephoi	ne (713)29	6-7120						
	9761 HADSO	perator fill in the OG! N ENERGY	RID number and na	ime of the previous of CORP	PAMELA M	. LEIGHTO	N	CLERK			7/3/95
									Title	 	Date

Submit 5 Copies Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions

P.O. Box 1980, Hobbs, NM 88240	OH CONCEDIA	TION DIVICIONISH CO	HSER. AND VISION Page
DISTRICT II P.O. Drawer DD, Anesia, NM 88210	P.O. Bo	ATION DIVISION & L. C.S. ox 2088 exico 87504-2088	RECEIVED
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410		<u>'93 </u>	14 21 NM 9 46
I.	REQUEST FOR ALLOWAB	· 93 [『 BLE AND AUTHORIZATION LAND NATURAL GAS	
Operator .	TO TRANSPORT OIL		PI No.
Hadson Energy Resou	rces Corporation		30-025-26318
P.O. Box 25956, Ok1	ahoma City, OK 73125-09	56	
Reason(s) for Filing (Check proper box) New Well	Change in Transporter of:	Other (Please explain)	
Recompletion	Oil Dry Gas		
Change in Operator	Casinghead Gas Condensate	·	
If change of operator give name and address of previous operator Had	son Petroleum (USA), In	c., P.O. Box 26770, Ok1	ahoma City, OK 73126
II. DESCRIPTION OF WELL	AND LEASE		
Lease Name	Well No. Pool Name, Includi		of Lease No. Federal or Fee E-9659
Llano "34" State Co	m. 1 Grama Ri		ate: K-3592
Unit LetterI	: 1650 Feet From The	South Line and 660 Fe	et From The <u>East</u> Line
2/ 7	010 0	/ TO	•
Section 34 Township	p 21S Range 34	4E, NMPM, Lea	a County
	SPORTER OF OIL AND NATU		·
Name of Authorized Transporter of Oil	or Condensate X	Address (Give address to which approved	
Koch Oil Company Name of Authorized Transporter of Casing	ghead Gas or Dry Gas X	P.O. Box 2256, Wichita Address (Give address to which approved	copy of this form is to be sent)
Ilano, Inc.		921 W. Sanger, Hobbs,	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. I 34 21S 34E	Is gas actually connected? When Yes	? 10/26/79
If this production is commingled with that if IV. COMPLETION DATA	from any other lease or pool, give commingle	ling order number:	
	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v Diff Res'v
Designate Type of Completion	- (X) Date Compi. Ready to Prod.	Total Depth	I DO TO
Date Spudded	Date Compt. Ready to Frod.	Total Depui	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe
	TUBING, CASING AND		-
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
V. TEST DATA AND REQUES	ST FOR ALLOWABLE		
	recovery of total volume of load oil and must	the equal to or exceed top allowable for this	s depth or be for full 24 hours.)
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, e	etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF
C. C. VITTI I			
GAS WELL Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
VI. OPERATOR CERTIFIC I hereby certify that the rules and regul Division have been complied with and	lations of the Oil Conservation	OIL CONSERV	ATION DIVISION
is true and complete to the best of my		Date Approved	N 18 1953
Breeze & Hanking			///
Signature		By Assign	Uff -
Bruce E. Hankins Printed Name	Engineering Technician Title	I STAICT I	SUPERVISOR
04/06/93	(405)232-2212	Title Title	OUI ENVIONAL
Date	Telephone No.		

- 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 pool in multiply completed wells.

68 Termcoms ¤ ¤ MINERALS INC. p ORIG. Com Operator: LLANO ST 34 COM WELL #1 Ţ p Com name: Ţ ¤ CURRENT Well Operator: HADSON PETROLEUM (USA) Ľ 17623 p Pun: ¤ Z-code: Z-1252 r CS Ľ ¤ Inst.: r ¤ Active communitizations: E2 r u U-s-t-r: 21S-34E-34-I E ¤ County: LEA E 5/1/79 ¤ Eff. date: ¤ App. date: Ľ 5/1/79 320 Ħ p Acreage: 320 ¤ ¤ State: Ħ p Federal: 0 7ED ¤ p Other: m Pool: ¤ GRAMA RIDGE MORROW, EAST 9 ¤ Leases: Д K3592-3,E9659* \overline{c} ¤ ¤ Last prod.: 3/91 5 m Remarks: TERMINATED EFF:3/31/91 APP:11/5/92; LACK OF PRODUCTION п 11-05-1992

SECTION 34 TOWNSHIP 21 South RANGE 34 East

D	C	B	A
HADSON	HADSON	HADSON	HADSON
U	U .	υ	บ
09 73	09 73	09 73	09 73
K3592-3	K3592-3	K3592-3	K3592-3
E	F	G	H
HADSON	HADSON	HADSON	HADSON
ប	ט	บ	Ū
09 73	. 09 73	09 73	09 73
K3592-3	K3592-3	K3592-3	K3592-3
L	K	J	I
CHEVRON	CHEVRON	CHEVRON	CHEVRON
ប	υ	ប	ט
12 65	12 65	12 65	12 65
E 9659	E9659	E 9659	E9659
M	N	O	P
CHEVRON	CHEVRON	CHEVRON	CHEVRON
U	ប	υ	U
12 65	12 65	12 65	12 65
E9659	E9659	E9659	E9659

Submit 5 Copies
Appropriate District Office
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions and Bot Colour Page

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION OIL CONSER!

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

REC: YED

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

TO TRANSPORT OIL AND MATURE.

I.	TC	TRAN	NSPC	ORT OIL	AND NA	TURAL GA	AS			
Operator							Well	API No.		
Hadson Petroleum (U	ISA), Inc	•						30-025	-26318	
Address	1 01			70106						
P.O. Box 26770, 0k1	ahoma Ci	ty, O	Κ .	73126					,	
Reason(s) for Filing (Check proper box) New Well	C C	:- 7	·	¢	U Oth	et (Please expla	iin)			
Recompletion	Oil Cr	nange in T								
Change in Operator	Casinghead G		Ory Gas	iate 🔻						
If change of operator give name	Casingicau		Condens	SAIC 1						
and address of previous operator										
II. DESCRIPTION OF WELL	AND LEAS	E								
Lease Name			Pool Na	me, Includi	ing Formation		Kind	of Lease	L	ease No.
Llano 34 St. Com		1			ge Morro	w, East	Sale	Federal or Fe	e	
Location								· · · · · · · · · · · · · · · · · · ·		
Unit LetterI	_ : <u>1650</u>	I	Feet Fro	m The _S	outh Line	e and <u>660</u>	Fe	et From The	East	Line
Section 34 Townshi	p 21S		Range	34E	, NI	мрм,	Lea	l .		County
III DESIGNATION OF TRAN	CDODTED	טב טזי	A MITT	NIA TETE	DAI CAC					
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil		OF OII Condensa	***			e address to wh	ich approved	cany of this f	orm is to be e	
Koch Oil Company		CONTROLLING	~ [XX	l .	2256, W			7201	·····/
Name of Authorized Transporter of Casing	head Gas		or Dry G	Gas XX	 	e address to wh	:			ent)
Llano, Inc.	, Cuu [, 0			I. Sanger			88240	
If well produces oil or liquids,	Unit Se	c. 1	wp.	Rge.	Is gas actually	-	When			
give location of tanks.	<u>i</u> I j	-	2İS	34E		Yes	Ĺ			
If this production is commingled with that it IV. COMPLETION DATA	from any other l	ease or po	ol, give	commingl	ing order numb	per:				
	[0	Dil Well	Ga	as Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion	- (X)		İ		İ				Ì	Í
Date Spudded	Date Compl. F	Ready to P	rod.		Total Depth		·	P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Produ	icing Form	nation		Top Oil/Gas I	Pay		Tubing Dept	h	
Perforations	1							Depth Casin	g Shoe	
									6 000	
	TUI	BING. C	ASIN	G AND	CEMENTI	NG RECORI	D	<u> </u>		
HOLE SIZE		G & TUB				DEPTH SET		S	SACKS CEM	ENT
V. TOPOGREDATICA AND TOPOGREDO	T FOD ALI	LOWA	O T T							
V. TEST DATA AND REQUES OIL WELL (Test must be after re								- d b d	fa 6.11 24 hav	· \
OIL WELL (Test must be after red) Date First New Oil Run To Tank	Date of Test	volume oj	loaa ou	i ana musi	, <u>-</u>	ethod (Flow, pu		<u>-</u>	or juil 24 nou	<i>rs.)</i>
Date That New On Rull To Talk	Date of Test				1 roddeing ivic	outou (1 tow, pie	ην, gus igi, c			
Length of Test	Tubing Pressur	ne			Casing Pressu	ıre		Choke Size		
Actual Prod. During Test	Oil - Bbls.				Water - Bbls.			Gas- MCF		
CACYWELL	<u></u>									
GAS WELL Actual Prod. Test - MCF/D	Length of Test				Bbls. Conden	sate/MMCF		Gravity of C	Ondensate	
Actual Flod. Tost - Wich/D	Lengui or rest	•			Dois. Conden	Batt IVIIVICI		Glavily of C	Oliochanc	
Testing Method (pitot, back pr.)	Tubing Pressur	re (Shut-in	1)		Casing Pressu	re (Shut-in)		Choke Size		
VI. OPERATOR CERTIFIC. I hereby certify that the rules and regula Division have been complied with and t is true and complete to the best of my k	ations of the Oil that the informat	Conservation given	tion	CE		OIL CON		ATION [DIVISIO	N
1/							1	7/		
1 Jacob L	<u> </u>				Rv	Knist	mille	7		
Signature Darrel Hardy		Adm	ı. Mg	r	-	y corps	CINC.		TOR	
Printed Name		T	itle		Title	OH. &	CARO	4 7 17		
6/4/92	(40	<u>)5) 235</u>	<u>-953</u>	1	''				····································	

- 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 pool in multiply completed wells.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSER RELE Form C-104
Revised 1-1-89
Sed Instructions
at Bottom of Page

DISTRICT II P.O. Drawer DD, Antesia, NM 88210 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

'92 JAN 10 HM 9 18

DISTRICT III
1000 Rio Brazos Rd., Aziec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

I.		TO TRA	NSF	PORT OIL	L AND NA	TURAL G	AS			
Operator			·			······································		API No.		
Hadson Petroleum (USA), Ir	nc.					30	-025-26	318	
Address								-		
P.O. Box 26770	Okla.	City,	OK_	731						
Reason(s) for Filing (Check proper box)		<u>.</u> .	_		Oth	ner (Please expl	ain)			
New Well	0"	Change in								
Recompletion	Oil Contrator		Dry (lensate XX						
If change of operator give name	Casinghe	ad Cas	Cond	ensate						
and address of previous operator										
II. DESCRIPTION OF WELL	. AND LE	ASF								
Lease Name	TAND LL	,	Pool	Name, Includ	ing Formation		Kind	of Lease		ease No.
Llano 34 St. Com.		#1				ow, East	Siale,	Federal or Fe	e	
Location										
Unit LetterI		1650	Feet	From The	South Lin	e and 660	Fe	et From The	East	Line
		_								
Section 34 Towns	nip 219	S	Rang	e 34E	, N	MPM,	Lea			County
III DECICNATION OF TRA	NODODOD									
III. DESIGNATION OF TRA Name of Authorized Transporter of Oil	NSPORTE	or Conden				ve address to w	hich approved	cany of this f	orm is to he s	ent)
Scurlock Permian Cor	poration		Saic	XX	į.	y, P.O.				77210
Name of Authorized Transporter of Casi			or Dr	y Gas XX		e address to w				
Llano, Inc.		·	o. .	, 555	1	Sanger,				•
If well produces oil or liquids,	Unit	Sec.	Twp.	Rge.	is gas actuali		When			
give location of tanks.	I	34	21	S 34E		Yes				
If this production is commingled with tha	t from any oth	ner lease or p	pooi, g	give comming	ling order num	ber:				
IV. COMPLETION DATA						<u>,</u>	-,			
Designate Type of Completion	ı - (X)	Oil Well	. [Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded		pl. Ready to	Prod		Total Depth	J	<u> </u>	P.B.T.D.	l	
Jan Spanis	Date Com	pr. recurs to	1104.					r.b.1.b.		
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing Fo	rmatic	on	Top Oil/Gas	Pay		Tubing Dep		
	İ	J								
Perforations					-t			Depth Casin	g Shoe	
			, <u>.</u> , ,					<u> </u>		
		<u>rubing,</u>	CAS	ING AND	CEMENTI	NG RECOR				
HOLE SIZE	CA	SING & TU	BING	SIZE	 	DEPTH SET		ļ `	SACKS CEM	ENT
				- · - · - · - · · · · · · · · · · · · ·	 			<u> </u>		
					<u> </u>			,		
	-				<u> </u>	<u> </u>		1		,
V. TEST DATA AND REQUE	ST FOR	ALLOWA	BLI	<u> </u>						
OIL WELL (Test must be after					be equal to or	exceed top allo	owable for thi	depth or be	for full 24 hou	rs.)
Date First New Oil Run To Tank	Date of Te	:র			Producing M	ethod (Flow, pi	ımp, gas lift, e	tc.)		
	<u> </u>									
Length of Test	Tubing Pro	essure			Casing Press	ure		Choke Size		
Asset Bad Duran Tou					Water - Bbls.			Gas- MCF		
Actual Prod. During Test	Oil - Bbls.				water - Bois.	•		Cas- MCI		
									 -	
GAS WELL					· · · · · · · · · · · · · · · · · · ·	10.00		10		
Actual Prod. Test - MCF/D	Length of	Test			Bbis. Conden	isate/MMCF		Gravity of C	_ondensate	
Testing Method (pitot, back pr.)	Tubing Pn	essure (Shut-	-in)		Casing Press	ure (Shut-in)		Choke Size		
results include (pass, back pr.)			,		J					
VI. OPERATOR CERTIFIC	TATE OF	COMP	TTA	NCE	<u> </u>			 		
I hereby certify that the rules and regu				NCE		DIL CON	ISERV	MOITA	DIVISIO	N
Division have been complied with and				ve						
is true and complete to the best of my	knowledge a	nd belief.			Date	Approve	d	JA	N 07'92	2
A AL O							/			
Macual		 			By	stelle	13 Solo			
Signature Darrel Hardy	Manage	r of Ac	lmir	nistrati	in 7			/		
Printed Name			Title		Title		* / W			
1/2/92	(405)	235-953		NI-		 				
Date		i elej	phone	INO.	11	•				

- 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 pool in multiply completed wells.

Submit 5 Copies
Appropriate District Office
DISTRICT |
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION
P.O. Box 2088 Charie and DIVISION

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 REQUEST FOR ALLOWABLE AND AUTHORIZATION &

1.		O THAN	ISPORT OIL	ANU NA	TURAL GA		DE KI.			
Operator (III)	1.) T					Well A		•		
Hadson Petroleum (US	A), Inc	•				1 30-0	25-2631	<u>ઇ</u>		
Address	01.1	0 :. 0	70106							
P.O. Box 26770	OKIA.	City, 0	K 73126		(D) !					
Reason(s) for Filing (Check proper box)		a			er (Please expla	(מנו				
New Well		Change in T	F-1							
Recompletion	Oil	_	Ory Gas 📙							
Change in Operator	Casinghead	d Gas C	condensate XX							
If change of operator give name and address of previous operator										
•										
II. DESCRIPTION OF WELL	AND LEA									
Lease Name Llano 34 St. Com.	į		ool Name, Includi Grama Ridg		w, East		of Lease Federal or Fed	;	Lease No.	
Location	. 165	0	Sc	outh .	660			East		
Unit Letter	_:	<u> </u>	eet From The So	Lio	e and	Fe	et From The		Line	:
Section 34 Township	218		tange 34E	, N	мрм,	Lea			County	
III. DESIGNATION OF TRAN	SPORTE	R OF OIL	AND NATU	RAL GAS						
Name of Authorized Transporter of Oil		or Condensa			e address so wh	ich approved	copy of this fo	orm is to be	seni)	
Mustang Fuel Corporation	 OD			í					OK 7310	16
Name of Authorized Transporter of Casing			r Dry Gas XX		e address to wh					<u> </u>
Llano, Inc.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. 5., 425	921 W.		Hobbs,		88240	32,0)	
If well produces oil or liquids,	Unit	Sec. T	wp. Rge.	is gas actuall		When		00240		
give location of tanks.	II		21S 34E	Yes	y conficce.	1	•			
If this amphysics is commingled with that f	 			'	her:					
If this production is commingled with that if IV. COMPLETION DATA	iom any our	er lease or po	ot, give commingi	ing order name						
IV. COMPLETION DATA		lon wan	C Well	Now Wall	Workswan	Dans	Dive Deels	Same Beel	bier n	
Designate Type of Completion	- (X)	Oil Well	Gas Well	New Well	Workover	Deepen 	Plug Back	Same Kes	v Diff Res'v	
Date Spudded		I. Ready to P	<u></u>	Total Depth	<u> </u>	L1	P.B.T.D.	L		
Date Spucted	Date Comp	i. Keady w r	IOU.				P.B.1.D.			
Floretines (DE BKB PT CP etc.)	Name of Pr	oducing Form	nation	Top Oil/Gas	Pav		Tubing Dane			
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	concing com	nation	100 012 013	,		Tubing Dept	n		
Perforations	<u> </u>			L			Daret Casia	- 65		
renorations							Depth Casin 	§ 20106		
							<u> </u>			
· · · · · · · · · · · · · · · · · · ·			ASING AND	CEMENTI		D				_
HOLE SIZE	CAS	SING & TUB	ING SIZE	<u> </u>	DEPTH SET			SACKS CE	MENT	
	<u> </u>						! 			
							!			_
				1			<u>. </u>			
	<u> </u>						1			
V. TEST DATA AND REQUES										
OIL WELL (Test must be after re	ecovery of lo	tal volume of	load oil and must					or full 24 h	iours.)	
Date First New Oil Run To Tank	Date of Tes	al .		Producing M	ethod (Flow, pu	ımp, gas lift, e	tc.)			
	1						·			
Length of Test	Tubing Pres	SSUTE		Casing Press	11£		Choke Size			
							0 1/05			_
Actual Prod. During Test	Oil - Bbls.			Water - Bbls.			Gas- MCF			
				<u> </u>			l			
GAS WELL										
Actual Prod. Test - MCF/D	Length of T	est		Bbis. Conden	sate/MMCF		Gravity of C	ondensate		
1	-									
Testing Method (pitot, back pr.)	Tubing Pre	saure (Shut-in	1)	Casing Press	ire (Shut-in)		Choke Size			
VI. OPERATOR CERTIFIC	ATE OF	COMPL	TANCE	1	 -		<u></u>			
				(DIL CON	SERVA	I NOITA	DIVISI	ON	
I hereby certify that the rules and regular Division have been complied with and t]			109	1		
is true and complete to the best of my k					1-17	znec	2 3 10%	?	/)	
0-11/				Date	Approve	a Mr.	<u> </u>	-//	<u> </u>	_
i fruit				11	1/		di	K		
Signature				By_	PHO	rus_	CIKI	\sim		
Darrel Hardy	Manage	r of Ad	lministrat	,,			/			
Printed Name		T	itle		Mathew	W/1 11 /	•			
12/16/91	<u>(405)</u> 2	35-9531			- 47402	بآثون المال	that the first of	7		
Date		Teleph	one No.	11				· /		

- 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.
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Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department OIL CONSER

ON DIVISION

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Aneda, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 8750412088 25

AM 11 48

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410			illa re, inc								
I.			OR ALLO								
Operator		IO INA	ANSPORT	I OIL	ANDI	NATUH	AL GA	I Wall A	Pi No.		
Hadson Petroleum	(USA)	Inc.						3	0-025	263	118
Address 921 W. Sanger		Hobb	s, NM 8	38240)						
Reason(s) for Filing (Check proper box)		11000			\mathbf{x}	Other (Pla	ease explai				
New Well		Change in	n Transporter o	of:		-	•		or of Con-	doncato	
Recompletion	Oil		Dry Gas		Add	1111011	al lia	msport	er of Con	uensace	
Change in Operator	Casinghea	id Gas 🗌	Condensate								
If change of operator give name and address of previous operator											
II. DESCRIPTION OF WELL	AND LE	ASE									
Lease Name		Well No.	Pool Name,				Foot		of Lease Federal or Fee	E-965	g Na
Llano 34 St. Com.		1/ 1	Granic		ige m	orrow,	Last			J K−359	12
Unit LetterI	:1	650	_ Feet From 1	The SC	OUTH	Line and	660	Fe	et From The	EAST	Line
Section 34 Township	, 21	S	Range	34E		, NMPM	<u> </u>		Lea		County
III. DESIGNATION OF TRAN	SPORTI	ER OF C	OIL AND N	NATU	RAL G	AS					
Name of Authorized Transporter of Oil		or Conde			Address	(Give add			copy of this form		4)
R & K Oil Company Name of Authorized Transporter of Casing			or Dry Gas	(V)	L				ewa, TX copy of this form		
Llano, Inc.	pread Cas		or Dry Cas	₽_]	i						2)
If well produces oil or liquids,	Unit	Sec.	Twp	Rge.		chally con		When		88240	
give location of tanks.	I	34	215	34E		Yes		i			
If this production is commingled with that it IV. COMPLETION DATA	nom any ot	her lease of	r pool, give co	mmingli	ing order	number:					
TV. COMBELLION DATA		Oil Wel	II Gas	Well	New Y	Well Wo	orkover I	Deepen	Plug Back Sa	ime Res'v	Diff Res'v
Designate Type of Completion		. i	i		i	j			ii_		<u>i</u>
Date Spudded	Date Corr	ipl. Ready i	lo Prod.		Total D	epth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of	Producing I	Formation		Top Oil	Gas Pay			Tubing Depth		
Perforations	1				1				Depth Casing	Shoe	
		TUBING	, CASING	AND	CEME	NTING	RECORI)			
HOLE SIZE	C/	ASING & T	TUBING SIZE	.		DEF	TH SET		SA	CKS CEME	NT
	ļ										
	 				†					·	
					1						
V. TEST DATA AND REQUES OIL WELL Test must be after i				و	.		. 4 4 17 .	ahla foa th	ia donth ar ha far	. 6.11 24 kour	re)
OIL WELL (Test must be after r Date First New Oil Run To Tank	Date of T		e of tout ou a	nd must				mp, gas lift,		jui 24 now	5.)
					<u> </u>		· · · · · · · · · · · · · · · · · · ·				
Length of Test	Tubing P	es sure			Casing	Pressure			Choke Size	<u>-</u>	
Actual Prod. During Test	Oil - Bbl	L.			Water -	Bbls			Gas- MCF		1
GAS WELL											
Actual Prod. Test - MCF/D	Length of	Test		·	Bbls. C	ondensate	MMCF	·	Gravity of Co	ndensate	
Testing Method (pitot, back pr.)	Tubing P	resaure (Sh	ut-in)		Casing	Pressure (Shut-io)	i	Choke Size		
VI. OPERATOR CERTIFIC I hereby certify that the rules and regul Division have been complied with and is true and complete to the best of my	ations of the	e Oil Cons	ervation iven above	E			- CON		ATION D	2 4 19	Ŗ Į Ņ
Signature						Зу	1	Zul	13/		
Steve Pfaff Printed Name	Superv	isor- (Contract	Adm	1		, P	Gaolo			
4/23/91	(505)	393-215	53	<u>-</u>		Title	<u>_</u>	-00010	A191		
Date			elephone No.	TEE:			KIRSE SE				need and

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance
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OIL CONSERVATION DIVISION

Aobbs
P.O. Box 1980
Hobbs, NM 88240

Artesia P.O. Drawer DD Artesia, NM 88210

Astec 1000 Rio Brazos Aztec, NM 87410

					the following:
Connection	<u> </u>	First	Delivery	Date	Initial Potential
Reconnect	on	First	Delivery		
		•		Date	Initial Potential
Disconnect	ion xx				
r delivery	of gas from	m the	Had		USA Inc.
				Operator	•
			LLa:	no 34 State Co	Om.
-				Lease	
27523	680	l	·	I	34/21/36
ter Code	Site Code	We	11 No.	Unit Letter	S-T-R
			Grai	ma Ridge Morre	ow, Lower East
				Poc	1
s made on	2/21/89		, .		
made On	date	 ·	,		
					J - 1999
105					
AOF					A CONTRACTOR OF THE CONTRACTOR
			Phillip		Cas Company
····			Phillip	Transpor	
AOF Choke	Manager 1, 100 - 1			Transpor	ter
Choke OCD us	se only		J. M. I	Transpor Hastings	ter Production Records Su
Choke OCD us	_		J. M. I	Transpor	Production Records Sup
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Submit in duplicate to the appropriate district office.

OIL CONSERVATION DIVISION

Hobbs P.O. Box 1980 Hobbs, NM 88240 Artesia P.O. Drawer DD Artesia, NM 88210

1000 Rio Brazos Aztec, NM 87410

NOTICE OF GAS WELL -CONNECTION / RECONNECTION / DISCONNECTION This is to notify the Oil Conservation Division of the following: Thunger Connection 02-22-89 XX First Delivery Initial Potential Date 02-22-89 First Delivery Reconnection Initial Potential Disconnection for delivery of gas from the Hadson Petroleum (USA) Inc. Operator Llano "34" State Com. #1 STATION NUMBER 456 LEA COUNTY, NM Lease Sec. 34, T21S, R34E #1 Ι Meter Code Site Code Well No. Unit Letter Grama Ridge Morrow, East Pool was made on _ date **AOF** LLANO. INC. Choke Transporter Steve Pfaff-Supervisor-Contract Administration OCD use only Representative Name/Title (Please type or print) Land Type Liq. Transporter Mavao Representative Signature

Submit in duplicate to the appropriate district office.

Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

DISTRICT II P.O. Drawer DD, Asteria, NM \$8210 OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM \$7410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

HADSON PETROLEUM (USA)										
IADSON FEIROLEUM (USA)	INC.									
ldress										
21 W. SANGER, HOBBS, 1	M 8824	0								
ason(s) for Filing (Check proper box)					Othe	t (Please expla	un)			
w Well	0"	Change in	•							
completion \square	Oil	🖯	Dry Gas	_						
ange in Operator	Cauinghea	d Gas	Conden	ate					· · · · · · · · · · · · · · · · · · ·	
hange of operator give name address of previous operator									·	
DESCRIPTION OF WELL	AND LE	A CF								
ase Name	AND LE		Pool Na	me Inchyd	ng Formation		Kind (of Lease	1	ase No.
LANO "34" STATE COM.		1	1		GE MORROV	I EAST			F-36	
cation	···	<u> </u>								14
Unit Letter I		1 650	Coat Co	The S(OUTH_ Line	4 660	. 17.	The	FACT	T:-
Omi Letter	- ·	1,000	. rea m	KU IDE 123	<u> </u>		re	er Lioni The	PUDI	Lin
Section 34 Township	, 218	5	Range	34E	, NA	ирм,	LEA			County
. DESIGNATION OF TRAN	SPORTE			NATU						
me of Authorized Transporter of Oil		or Conden	ante [X		address to wi				nt)
AVAJO CRUDE OIL PURCH		-0.				175, A				
me of Authorized Transporter of Casing LANO, INC.	mead Gas		or Dry (Gas 🔀		e <i>address to wi</i> SANGER ,				nt)
well produces oil or liquids,	Unit	Sec.	Twp	Rge.	 		When			
e location of tanks.	I I	34		34E	YES	compected?	WHER	2/22	189	
nis production is commingled with that i	ļ	<u> </u>	·					-JEE	105	
COMPLETION DATA	—,		para, gar.							
		Oil Well	G	as Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion	- (X)	<u>i</u>	i		İ		<u> </u>		İ	j
e Spudded	Date Com	pl. Ready to	Prod.		Total Depth			P.B.T.D.		
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vations (DF, RKB, RT, GR, etc.)	Name of P	roducing Fo	aoiseme		Top Oil/Gas	2 y		Tubing Dep	th	
forations	L				ļ			Depth Casin	g Choe	
								Ecpti Casii	g sake	
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	7	TIRING.	CASIN	IG AND	CEMENTO	AC BECOP	D			
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HOLE SIZE		TUBING, SING & TU			CEMENTI	NG RECOR	D		SACKS CEM	ENT
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- 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 pool in multiply completed wells.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

Drilling & Production Engineer

(Date)

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OPERATOR			
PROBATION OF	ICE		

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

REQUEST FOR ALLOWABLE

PROBATION OFFICE AUTHORIZATION TO TRAN	AND NSPORT OIL AND NATURAL GAS
HADSON PETROLEUM (USA) Inc.	
921 West Sanger, Hobbs, NM 88240	
Reason(s) for filing (Check proper box) New West Change in Transporter of: Recompletion Oil Change in Ownership Casinghead Gas	Other (Please explain) Dry Gas Condensate
	J. Sanger, Hobbs, NM 88240
II. DESCRIPTION OF WELL AND LEASE Lease Name	E-9659
Unit Letter I : 1650 Feet From The South L	Ine and 660 Feet From The East 34E , NMPM, Lea County
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL Name of Authorized Transporter of CII or Condensate Navajo Crude Oil Purchasing Company Name of Authorized Transporter of Casinghed Gas or Dry Gas (X)	AL GAS Address (Give address to which approved copy of this form is to be sent) P. O. Box 175, Artesia, NM 88210 Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company	4001 Penbrook, Odessa, TX 79762
If well produces oil or liquids, que location of tanks. Unit Sec. Twp. Rge. I 34 215 34E	Yes 10-26-79
If this production is commingled with that from any other lease or poo NOTE: Complete Parts IV and V on reverse side if necessary.	1, give commingling order number:
VI. CERTIFICATE OF COMPLIANCE I hereby certify that the rules and regulations of the Oil Conservation Division hav been complied with and that the information given is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIGITION APPROVED BY Geologist TITLE Geologist
C.M.Butto	This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepend well this form must be accompanied by a tabulation of the deviation

tests taken on the well in accordance with AULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporten or other such change of condition.

Soparate Forms C-104 must be filled for each pool in multiply completed wells.

IV. COMPLETION DATA	TOIL Well						, ,	· ···
Designate Type of Complet		Gas Well	New Well	Motrovet	Deebeu	Plug Back	Same Res'v.	¦Diff. Res' !
Date Spudded	Date Compl. Ready to	Prod.	Total Dept	h		P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.;	Name of Producing For	rmation	Top OII/Ge	as Pay	, <u></u>	Tubing Dep	th	 -
Perforations			<u></u>			Depth Casts	ng Shoe	···· <u> </u>
	TUBING,	CASING, AN	D CEMENTI	NG RECORE)			
HOLE SIZE	CASING & TUB	ING SIZE		DEPTH SE	T	SA	CKS CEMEN	ıΤ
			+			_		
						1		
V. TEST DATA AND REQUEST	FOR ALLOWABLE	(Test must be a able for this d	ifter recovery epth or de for	of total valum full 24 hours)	of load oil	and must be e	qual to or exce	ed top alic
Date First New Cil Ren To Tanks	Date of Test		Producing	Method (Flow,	pump, gas i	ift, ete.)		
Length of Test	Tubing Pressure		Casing Pre	86U20		Choze Size		
Actual Prog. During Tabl	Oll-Ebie.		Woter - Bbla	•		Gga - MCF		
GAS WELL		•						
Actual Prod. Test-MCF/D	Longth of Test	,	Bbis. Cond	ensate/MMCF		Gravity of C	ondensate	
Testing Method (pitot, back pr.)	Tubing Pressure (shut	-ia)	Casing Pres	sews (Shet-	B)	Choke Size		

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STATE OF NEW MEXICO THERGY AND MINERALS DEPARTMENT

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MOLTHBUTTON		P. O. BOX 2081		Form C-103 ·
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U.S.O.S.				State X Fee
DENALOR	· ·			5. State Oil 6 Gas Lense No.
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				E-9659
ING MOT USE THIS FORM	SUNDRY NOTICES AND	REPORTS ON WELL	S	
ust **	APPLICATION FOR PERMIT -" (F	TORM C-1011 FOR SUCH PROPO	JACS.)	
on [] 6AS				7. Unit Agreement Name
WELL WELL	67HER-		· · · · · · · · · · · · · · · · · · ·	
hiume of Operator				8, Form or Lease Hame
MINERALS, INC.				Llano "34" St. Com
Address of Operator				9. Well No.
P.O. Box 1320, He	obbs, New Mexico	88240		1
Location of Well				10. Field and Pool, or Wildcat
I	1650	South	660	Grama Ridge Morrow Eas
UNIT LETTER		W 184 LINE	AND FEET FR	
East	34	21 S	34 E	
THE LIN	E, SECTION	TOWNSHIP	NANCE WMP	(
mmmm:	THE Eleve	ttion (Show whether DF, RT	GR etc.)	12. County
		GL, 3671 DF		LEA ()
<i>minimum</i>				
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NOTICE CAFORM REMEDIAL WORK LMPORARILY ABAHDON OTHER OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6. FSG blanking plus	chair ploted Operations (Clearly state) /84 Total gross g in Baker 'F' nip	s Morrow perf. 12	SUBSEQUE THAL WORK THEE DRILLING DRYS. TEST AND CEMENT JQB Trest AND CEMENT JQB Tre	ALTERING CASING PLUG AND ABANDONMENT Cong estimated date of starting any proposed producing. Set Baker 1.81" isolate lower Morrow. Se
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP	CHAIR Plot Operations (Clearly state) /84 Total gross in Baker 'F' nip in collar of uppe	s Morrow perf. 12 ple in lower tog r tog string @ 10	SUBSEQUE THAL WORK THEE DRILLING DRYS. TEST AND CEMENT JQB Thee The	ALTERING CASING PLUG AND ABANDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" isolate lower Morrow. Set perrow perf. 12,824-12,838'
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER DESCRIBE Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP W/1000 gal 10% His	character of upper cold acid & 1000 gal	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend	SUBSEQUE THAL WORK THEE DRILLING DRYS. TEST AND CEMENT JQB THEE TEST AND CEMENT JQB THEE TEST AND CEMENT JQB THEE TEST AND CEMENT JQB THEE	ALTERING CASING PLUE AND ABANDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing isolate lower Morrow. Security perf. 12,824-12,838' HAI-50, 2 gals LoSurf 259
Describe Proposed or Compwork) SEE RULE 1703. 1/12/84 thru 4/6. FSG blanking plus Otis 1.85" DD BP w/1000 gal 10% Ho 1 gal. Musol & 3	chair collar of uppe cl acid & 1000 gal gal ENWAR 288 foa	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality	SUBSEQUE THAL WORK THEE DRILLING DPHS. TEST AND CEMENT JQB THEE TEST AND CEMENT JQB THEE	ALTERING CASING PLUG AND ABANDONMENT Ing estimated date of starting any proposed Producing. Set Baker 1.81" Pisolate lower Morrow. Set Prow perf. 12,824-12,838' HAI-50, 2 gals LoSurf 259 ert. w/80,000 SCF N2 flush.
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABAHDON OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plu Otis 1.85" DD BP W/1000 gal 10% Ht 1 gal. Musol & 3 Max press. 5100	chair collar of uppe clacid & 1000 gal gal ENWAR 288 foa psig, avg. press.	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5	SUBSEQUE THAL WORK THESE ORILLING OPNS. TEST AND CEMENT JOB TREE TREST AND CEMENT JOB TREE TREST AND CEMENT JOB TREE TREE TREST AND CEMENT JOB TREE TREST AND CEMENT JOB TREE TREST AND CEMENT JOB TREE	ALTERING CASING PLUG AND ABANDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing isolate lower Morrow. Second perf. 12,824-12,838' prow perf. 12,824-12,838'
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABAHDON OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6. FSG blanking plu Otis 1.85" DD BP W/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10,	Plotod Operations (Clearly state) /84 Total grossin Baker 'F' nip in collar of upper Clacid & 1000 gal gal ENWAR 288 foampsig, avg. press. /466' & pulled upper clacid upper colled u	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re	SUBSEQUE THAL WORK THEST AND CEMENT JQB These T	ALTERING CASING PLUC AND ABANDONMENT reg estimated date of starting any proposed roducing. Set Baker 1.81" risolate lower Morrow. Secretor perf. 12,824-12,838' rrow perf. 12,824-12,838' rrow perf. 259 rt. w/80,000 SCF N2 flush. runsuccessfulRetrieved pkr & attempted to release
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plu Otis 1.85" DD BP w/1000 gal 10% Hi l gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & see	CHAIR PLOTON TO: PLOTO CHAIR PROPOSED TO THE PLOTO CHAIR PROPOSED TO THE PLOTO CHAIR /84 Total gros g in Baker 'F' nip in collar of uppe Cl acid & 1000 gal gal ENWAR 288 foa psig, avg. press. 466' & pulled uppe al assembly from M	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12	SUBSEQUE THAL WORK THEE DRILLING DRYS. E TEST AND CEMENT JQS REF REF REF REF REF REF REF RE	ALTERING CASING PLUE AND ABANDONMENT Ing estimated date of starting any proposed Producing. Set Baker 1.81" Producing isolate lower Morrow. Set Baker 1.82" Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perf. 12,824-12,838' Perform perform
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER DESCRIBE Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plu Otis 1.85" DD BP w/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10,4 on-off tool & sec 2 3/8" tbg @ 12,4	CHAIR PLOTE OF INTENTION TO: PLUT CHAIR Plot of Operations (Clearly state) /84 Total gross g in Baker 'F' nip in collar of uppe Cl acid & 1000 gal gal ENWAR 288 foat psig, avg. press. 466' & pulled uppe al assembly from M 841' w/chemical cu	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lower	SUBSEQUE THAL WORK THEE DRILLING DPNS. E TEST AND CEMENT JQB Refive pertinent dates, including the string @ 12,000 to the string @ 12,000 to the string and the string and the string and the string and the string and the string and the string and the string and the string and the string and the string are the string and the string are the string and the string are the string and the string are the string and the string are the string are the string and the string are the string	ALTERING CASING PLUE AND ABANDONMENT In estimated date of starting any proposed Producing. Set Baker 1.81" Producing isolate lower Morrow. Second perf. 12,824-12,838' Prow perf. 1
Describe Proposed or Compwork) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP w/1000 gal 10% Hs 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & sec 2 3/8" tbg @ 12, 'R" double grip	characteristics to: Properties Properties	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb	SUBSEQUENT AND CEMENT	ALTERING CASING PLUE AND ABANDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing isolate lower Morrow. Securow perf. 12,824-12,838' SHAI-50, 2 gals LoSurf 259 Str. w/80,000 SCF N2 flush. OunsuccessfulRetrieved pkr & attempted to release alts. Ran free point & cut all pkr. TIH w/Baker Model 192' w/3 jts. tailpipe, SN
Describe Proposed or Compwork) SEE RULE 1703. 1/12/84 thru 4/6. FSG blanking plus Otis 1.85" DD BP w/1000 gal 10% Ho 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & sec 2 3/8" tbg @ 12, 'R" double grip below pkr. Perf	characteristics of intention to: Proposed Operations (Clearly states) 84 Total groses of in Baker 'F' nip in collar of upper Clacid & 1000 gal gal ENWAR 288 foat paig, avg. press. 466' & pulled upper 466' & pulled upper 4841' w/chemical cupkr. on 411 jts 2 485 possibly plugged w	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb	SUBSEQUE TALL WORK THE CONSILLING DAYS. E TEST AND CEMENT JOB THE CONTINUE OF THE CONTINUE	ALTERING CASING PLUE AND ABAHDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" pro
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER Describe Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP w/1000 gal 10% Ho l gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & sec 2 3/8" tbg @ 12, 'R" double grip below pkr. Perf 12,838 w/750 gal	CHAIR CH	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb /scale from backs ntaining 2 gals F	SUBSEQUENT AND CEMENT JOB REFERENCE OFFICING OFFIS. TEST AND CEMENT JOB REFERENCE REFERENCE OFFIS. REFERENCE REFERENCE OFFIS. REFERENCE	ALTERING CASING PLUE AND ABANDONMENT Ing estimated date of starting any proposed Producing. Set Baker 1.81" Producing Set
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER Describe Proposed or Compared by SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP W/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & sec 2 3/8" tbg @ 12, 'R" double grip below pkr. Perf 12,838 w/750 gal bbls 2% KCL wtr.	CHAIR CH	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb /scale from backs ntaining 2 gals H psig, avg. press	SUBSEQUENT AND CEMENT JOB Texts And CEMENT	ALTERING CASING PLUE AND ABAHDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing. Set Bake
NOTICE CAPORM REMEDIAL WORK LMPORARILY ABANDON OTHER Describe Proposed or Compared by SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plus Otis 1.85" DD BP W/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10, on-off tool & sec 2 3/8" tbg @ 12, 'R" double grip below pkr. Perf 12,838 w/750 gal bbls 2% KCL wtr.	CHAIR CH	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb /scale from backs ntaining 2 gals H psig, avg. press	SUBSEQUENT AND CEMENT JOB REFERENCE OFFICING OFFIS. TEST AND CEMENT JOB REFERENCE REFERENCE OFFIS. REFERENCE REFERENCE OFFIS. REFERENCE	ALTERING CASING PLUE AND ABAHDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing. Set Bake
NOTICE CAPORM REMEDIAL WORK LIMPORARILY ABANDON OTHER DESCRIBE Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plu Otis 1.85" DD BP w/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10,0 on-off tool & sec 2 3/8" tbg @ 12,3 'R" double grip below pkr. Perf 12,838 w/750 gal bbls 2% KCL wtr. on sales to Phil	chair control of the	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb /scale from backs ntaining 2 gals H psig, avg. press /6/84 w/400 MCFPI	SUBSEQUENT AND CEMENT JQB Refer pertinent dates, including the string @ 12,000 to a containing 4 gals of w/N2. Followed to a containing 4 gals of w/N2. Followe	ALTERING CASING PLUE AND ABAHDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing. Set Bake
NOTICE CAPORM REMEDIAL WORK LIMPORARILY ABANDON OTHER DESCRIBE Proposed or Comp work) SEE RULE 1703. 1/12/84 thru 4/6 FSG blanking plu Otis 1.85" DD BP w/1000 gal 10% Hi 1 gal. Musol & 3 Max press. 5100 OTIS DD BP @ 10,0 on-off tool & sec 2 3/8" tbg @ 12,3 'R" double grip below pkr. Perf 12,838 w/750 gal bbls 2% KCL wtr. on sales to Phil	CHAIR CH	s Morrow perf. 12 ple in lower tbg r tbg string @ 10 s. methanol blend med to 70 quality 3400 psig, ISIP 5 r tbg string. Re odel 'D' set @ 12 tter. TOH w/lowe 3/8" O.D. N-80 tb /scale from backs ntaining 2 gals H psig, avg. press /6/84 w/400 MCFPI	SUBSEQUENT AND CEMENT JQB Refer pertinent dates, including the string @ 12,000 to a containing 4 gals of w/N2. Followed to a containing 4 gals of w/N2. Followe	ALTERING CASING PLUE AND ABAHDONMENT Ing estimated date of starting any proposed producing. Set Baker 1.81" producing. Set Bake

.. SEP 27 Tape DISTRICT 1 SUPERVISOR

			سسيان سان المكت	-		
	DESTRIBUTION SANTA FE FILE U.S.G.S., LAND OFFICE TRANSPORTER GAS OPERATOR	RUGUEST	CONSURVATION COMMISSION FOR ALLOWABLE AND ANSPORT OIL AND NATURAL	Poin C-104 Supersedes Old C-101 a Uttoctive (-1-65		
1.	PROBATION OFFICE					
	Minerals, Inc.	and a state and a state of the				
	P. O. Box 1320,	Hobbs NM 00241				
	Reason(s) for filing (Check proper box	1 10005, NM 00241	Other (Please explain)			
	New Woll	Change in Transporter of:				
	Recompletion Change in Ownership	Oil Dry Go	nagte X			
	<u> </u>	Name 1	CALL I	all deposits the desire the second control of the second s		
	If change of ownership give name and address of previous owner	er a san and Company and Company in Company of Company and Company of Compan				
H.	DESCRIPTION OF WELL AND	LMASE		·		
	Leans Name	Wall No. Puot Name, Including F	1	E-965		
	Llano "34" State Com.	<u> 1 Grama Ridge M</u>	orrow East State, Foder	State K-359		
	Unit Letter I ; 165	O Feet From The South Lin	o and 660 Feet From	The East		
	34	_	24 5			
	Line of Section Tov	enship 21 SOUTH Range	34 East , NMPM, Lea	Co		
iï.		eer of oil and natural ga	S			
	Name of Authorized Transporter of Oil Navajo Refining Compa		P. O. Box 159, Artesia, NM 88210			
_	Name of Authorized Transporter of Cas	inghead Gas Or Dry Gau X	Address (Give address to which appro			
	Phillips Petroleum Com		Bartlesville, OK 74004			
	If well produces oil or liquids, ' give location of tanks.	Unit Soc. Twp. Page. 1 34 21S 34E	Is gas actually connected? Wh	October 26, 1979		
,		h that from any other leace or pool,		october 20, 1979		
	COMPLETION DATA	Oli Woll Gas Well	New Well Workover Deepen	Plug Back Same Resty, Will.		
	Designate Type of Completion		January Company	1 day back bank field to		
	Date Spiidded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.		
	May 21, 1979 Elevations (D.F., RKB, RT, GR, etc.)	October 10, 1979 Norm of Producing Formation	13,280! Tep Otl/Gas Pay	Tuking Depth		
	3651' GL	Morrow	12,824'	12,875		
- 1	Perforations 12,824-38, 12,	986-99, 13,002-04, 13,008	8-18, 13,020-26,	Depth Casing Shoo 13,279		
	13,033-36, 13,	<u>038-44, 13,165-70</u>	CEMENTING RECORD	13,2/3		
	HOLE SIZE	CASING A TUBING SIZE	DEPTH SET	SACKS CEMENT		
	20"	16" 65#	1,200'	1,300		
- {	14-3/4" 9½"	10-3/4" 45.5# 7-5/8" 29.7#	5,773' 11,200'	1.500		
l	62	4½" 13.3# liner	13,279'	500		
v.	TEST DATA AND REQUEST FO OIL WELL		fier recovery of total valume of load oil pth or be for full 24 hours) .	and must be equal to or exceed to		
ĺ	Date First New Oil Run To Tanks	Date of Tent	Producing Method (Flow, pump, gas li	ft, etc.)		
- }		Tubing Freezure	Casing Pressure	Choke Size		
	Longth of Test	Tabing Freezora	Gaping Fromotor			
	Actual Fred, During Test	Gil-Bble,	Water - Bblu.	Gan-MCF		
- [and the second section of the second second second second section sect		L			
	GAS WELL.					
ſ	Actual Prod. Test-MCF/D	Lungth of Tool	Dble. Condensate/MMCF 34 Bb1s./MMCF	Gravity of Condensacte		
].	3,980 MCF/D Tenting hielded (pivot, back pr.)	Tubing Prossure (Bing-12)	Country Pressure (think-in)	51 API Choke Size		
	Back Pressure	4825 psig	Packer	16/64'		
	CERTIFICATE OF COMPLIANC			TION COMMISSION UPERVISORAUG 1,6-19		
(Commission have been compiled w	Ith and that the information given	Visited	a lesson		
-	bove to tree and complete to the	heat of my knowledge and bullet I	I DY COUNTY	A Committee of the comm		

W.

Minerals, Inc

Al Klaar Vice President 8-14-84

If this is a request for allowable for a newly difficil to deep well, this form meet be accompanied by a rebulation of it a deep tests telem on the well in accordance with RULE 111. /M and there are the forest and be ittled out correlately for all this countries of the energy $(A, A, {\rm total})_{\rm total}$

14th out only Lections I, H, L), and M for changes of or well name or number, or transportence other such change of world

This form is to be filed in compliance with RULE 1194.

oma YOHOME -	NUMETIALS DEPARTMENT	
	OIL CONSERVATION DIVISION	
015	OFF UT OH P. O. BOX 2088	Form 0-101 Anvised 10-1-
FILE	SINTA FE, NEW MEMICO 87501	N. (1324 13 4 1
V. J. G. S.		5a, Indicate Typo of Leace
LAHIO		State X
Con to the		5. State Off & Sus Log + 116. E-9659 & K-3592
I Day of	SUNDRY NOTICES AND REPORTS ON WELLS	
(1)	OF USE THIS FORM FOR FIGHERALS TO SHILL OF THE DELIPER OF FUES SACK FOR A DIFFERENT SESERVOIR.	7. Unit Agreement Name
OIL []	GAS X OTHER-	
1, riume of Ope		8, Farm or Lease Name
Minerals Address of C		Llano "34" State Com.
		9. Well No.
, Le atten of	x 1320, Hobbs, New Mexico 88240	1
UNIT LAIT		Grama Ridge (Morrow) East
F	ast 34E	
; YHE	ast Line, section 34 Township 215 RANGE 34E	
TOTAL.	15. Elayatton (Show whether DF, RT, GR, etc.)	12. County
	3651 GL, 3671 DF	Lea
· o.	Check Appropriate Box To Indicate Nature of Notice, Report of (Other Data NT REPORT OF:
РЕВІГСЯМ ЛЕМЕ	CIAL WORK	ALTERING CASTNG
TEMPORARILY A	BANOON COMMENCE DRILLING OPNS.	PLUS AND ABAHOO: MENT
PULE OF ALYER	CASING CASING TEST AND CEMENT JOB	
	канто	
CTHER		
.7. Discribe F	roposed of Completed Operations (Clearly state all pertinent details, and give pertinent dates, include	ng estimated date of starting any propose
10-30-79:	Morrow perfs (12,824'-12,838') would not produce. Acidized	(12 824'-12 838') with
10 00 75.	2500 gallons 7½% MS acid & flushed to top of perfs with 2% K	
	N ₂ in acid and flush. Max pressure 5250 psig, ISIP 4650 psi	g. Recovered load water.
	would not flow. Acid job unsuccessful.	g.,
11-8-79:	Morrow perfs (12,986'-13,170', gross) flow 350 MCF, 26 BO, 0	BW in 24 hrs., TPF 120
	psig. Acidized (12,986'-13,170') with 5700 gallons 10% Mor-	Flo acid and 16 tons of
	CO ₂ and 90 ball sealers. Flushed with KCl water containing	CO ₂ . Max pressure 5100
	psīg, ISIP 3800 psig. Flow 430 MCF, 7 BO, 24 BW in 24 hrs.,	
<u>11-20-79:</u>	Reperf Morrow perf (12,986'-13,170', gross) at 12,986'-12,99	9'; 13,002'-13,004';
	13,008'-13,018'; 13,020'-13,026'; 13,033'-13,036'; 13,038'-1	
	with a thru-tubing and 2 jet shots per foot. Flow 470 MCF,	7 BO, 18 BW in 24 hrs.,
	TPF 925 psig.	
<u>11-29-79</u> :	Morrow perfs (12,986'-13,170') acidized with 1,000 gallons 1	
	gallons Mor-Flo II, 8 gallons INH., 110 gallons Musol follow	ed by 3,000 gailons
	methanol flushed with 2% KCl water. Treatment and flush con	tained 1500 SCF N ₂ per
	bbl. of liquid. Max pressure 5200 psig, ISIP 4800 psig. Use tool during treatment. Perforated long tubing string with t	ed tree-saver isolation
	Morrow perfs 12,824'-12,838'. Total gross Morrow perfs 12,8	21! 13 170! now flowing
	through long tubing string. Flow 3,425 MCF, 22 BO, 12 BW in	21 hrs TPF 2 800
	_psig, 13/64" choken	24 113., 111 2,000
18. I hereby car	tily that the information above setrus and complete to the best of my knowledge and belief.	
U		
110460	ing to Tar Cy President	December 18, 1979
	The state of the second st	ore, the state of
SPPROVED BY	Lerrolegia mi SUPERVISOR DISTRIC	DATE
	- A	

OIL CONSERVATION COMMISSION

BOX 1980

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION			DATE_	November 7, 1979	1
This is to notify the (Oil Conservat	ion Commissio	on that	connection for	
the purchase of gas from the _	Miner				و
		Operator	•		
Ilano "34" State Com ,	I,	34-21-34	, Crama	Ridge/Morrow(Uppe:	r),
Lease	Well Unit	S.T.R.		Pool	
Phillips Petroleum Compa		, was i	made on	October 26, 1979	°
Name of Purchaser		•			
				•	
		Philli		leum Company	
•			Purchas	er	
		• '			

Representative K. E. Moore

Cas Tester Supervisor
Title

cc: To Operator

Oil Conservation Commission - Santa Fe

OIL CONSERVATION COMMISSION

BOX 1980

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION	DATE November 7, 1979
	•
This is to notify the Oil Conserve	ation Commission that connection for
That is no notify the the conserve	auton (mmitssion bhat connection for
	Min and a Tra
the purchase of gas from the	Minerals, Inc.
	Operator
Ilano "34" State Com , I	, 34-21-34 , Grama Ridge/Morrow(Iower) , S.T.R. Pool
Lease Well Unit	S.T.R. Pool
Thilling Detweley Company	
Phillips Petroleum Company	, was made on <u>October 26, 1979</u> .
Name of Purchaser	•
•	
	·
	Phillips Petroleum Company
·	Purchaser
	•
,	
<i>;</i>	Il Manso
	L-EW/age
	Representative
	K. E. Moore
,	
	Cas Tester Supervisor
	Title
	TTOTE

MERCY AND RESIDENCE OF ARTMENT

cc: To Operator

Oil Conservation Commission - Santa Fe , .

NERGY 200 MINITALS DEPARTMENT

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DIST PAIR OF R) H		

FILE		 	
U. b. O . B.		 	
SAND OFFICE		 	
TRAHSPORTER	DIL, GAL	 	
OPERATOR			
		 	ı

OIL CONSERVATION DIVISION P. O. HOX 2088 SANTA FE, NEW MEXICO 87501

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į	R.	۲	١	ŧ	0	đ	1	0	•	1	•	7	0

1.	PILE 11.5.0.E. EAND OFFICE TRANSPONTEN DIL GAS OPERATOR PRONATION OFFICE Operator		OR ALLOWABLE AND SPORT OIL AND NATURAL GAS		
	Minerals, Inc.	**************************************			
	P. O. Box 1320, Ho	bbs, New Mexico 88240			
	Reason(s) for liling (Check proper bos		Other (Please explain)		
	New Well Recompletion	Change in Transporter of: Oil Dry C	So.		
	Change in Ownership	Casinghead Gas Cond	ensate		
	If change of ownership give name and address of previous owner				
ã,	DESCRIPTION OF WELL AND	LEASE Well No. Pool Name, including	Formation Kind of Lea	se	L con a b
	Llano "34" State Com.	1 Grama Ridge	Morrow East State, Fede	rolor F. State	-9659 (-3592
	Unit Letter 1 : 16	50 Feet From The South L	ine and 660 Feet From	The East	
	Line of Section 34 To	waship 21-S Range	34-E , NMPM, L	ea	Count
Ι.	DESIGNATION OF TRANSPOR		AS Address (Give address to which appr	oved copy of this form is to be	sent)
	Southern Union Refinin		P. O. Box 980, Hobbs,		
	Name of Authorized Transporter of Ca Phillips Petroleum Com		Bartlesville, Oklahoma		sent)
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. I 34 21-S 34-E	Is gas actually connected? h.	hen	******
₹′.	If this production is commingled with COMPLETION DATA				
	Designate Type of Completion	on - (X) Gas Well X	New Well Workover Deepen	Plug Book Same Resty, 1	3111. Ro
	Date Spudded May 21, 1979	Date Compl. Ready to Prod. October 10, 1979	Total Depth 13,280'	P.B.T.D. 13,188'	
	Elevations (DF, REB, RT, GR, etc.) 3651 GL	Mame of Producing Formation MOTTOW	Top Cil/Gas Poy 12,824'	Tuling Depth 12,875	
	•	986-99, 13,002-04, 13,00	08-18, 13,020-26, 13,033-		
			D CEMENTING RECORD		
	HOLE SIZE	CASING & TUBING SIZE .	1,200'	SACKS CEMENT	
	14-3/4"	10-3/4" 45.5#	5,773	5700	
	912"	7-5/8" 29.7#	11,200'	1500	
	6½"	$\frac{4\frac{1}{2}}{13.3}$		500	
:'•	TEST DATA AND REQUEST FOOL WELL	JR ALLOWABLE (lest must be a able for this di	ofter recovery of total volume of load of epth or be for full 24 hours)		a top at
İ	Date First New Oil Run To Tanks	Date of Test	Producing Method (r'low, pump, gas l	ifi, etc.)	
	Length of Tost	Tubing Pressure	Cusing Pressure	Choke Eize	
	Actual Prod. During Test	Oil-Bbis.	Water-Hole.	Gas-MCF	
	Actual Prod. During Teel	On-Bas.	, , , , , , , , , , , , , , , , , , ,		
•					
ī	GAS WELL Actual Fied. Tool-MCF/D	Length of Test	Bbls. Condensate/MhiCF	Gravity of Condensate	
	3,980 MCF/D	4 hrs.	34 bbls./MMCF	51° API	
	Back pressure	Tubing Pressure (Shut-in) 4825 PSIG	Casing Pressure (shut-in) Packer	16/64"	
1. (CERTIFICATE OF COMPLIANC		DIL CONGEDIA	TION DIVISION	
		and all and a first of the firs	APPROVED NOV13	1979	
1	hereby certify that the rules and re- Division have been complied with	and that the information given	(July 1 and	Mon	
e	thove is true and complete to the	ocut or my knowledge and belief.	TITL SUPERVISOR DI	STRICT	
	1.1		II TITICOLLULVIOOLI DI	MATHON F	

President (Tale)

October 16, 1979

(Date)

This form is to be filed in compliance with null 1104.

If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a inbulation of the daysteric taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for a able on new and recompleted wells.

Fift out only Sections I. H. III, and VI for changes of or wall name or number, or transportation other such thenge of condi-

Separate Forms C-168 must be filed for each pool in multiplication of weather.