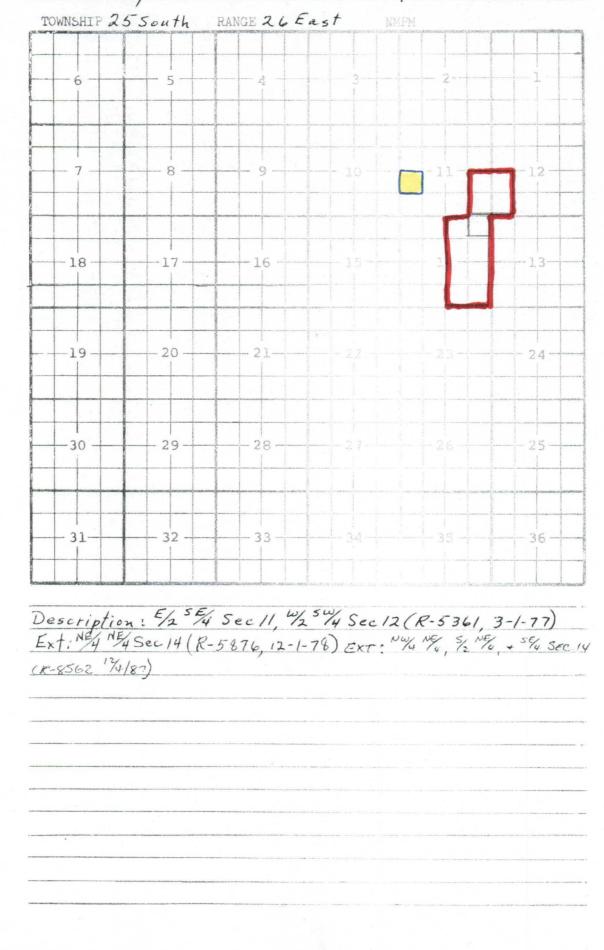
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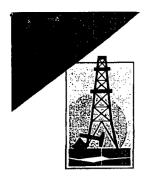
FOOL Southwest Sulphate - Delaware



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Gruy Petroleum N	Management Co. //. 2	683 301	0599	9. API WELL NO.	ederal Com No. 3
3. ADDRESS AND TELEPHO	DNE NO.				- 74407
P.O. Box 140907	Irving TX 75014 972-401-3111			SO OIS	
4. LOCATION OF WELL	(Report location clearly and in accordance with	any State requirements.")	- <u>-</u>	White City; Pen	
				11. SEC. T.R.M. BLOCK	010-00
		RECEIVE	U	OR AREA	
1500' FSL & 1	300' FWL Section 11-25S-26E				T25S R26E
14. DISTANCE IN MILES AND DI	RECTION FROM NEAREST TOWN OR POST OFFICE	JUL 0 5 20	15	12. COUNTY OR PARISH	13. STATE
17 miles South of	f Carlsbad	OCD-ARTS	Q!A	Eddy	NM
15. DISTANCE FROM PROPO LOCATION TO NEA		16. NO. OF ACRES IN LEASE		F ACRES ASSIGNED	1
PROPERTY OR LEAS	SE LINE. T.O		TO THIS W		
(Also to nearest drig. unit I	line, if any) 1300'	480		640	
16. DISTANCE FROM PROPO TO NEAREST WELL, I OR APPLIED FOR, ON 21. ELEVATIONS (Show whe	DRILLING COMPLETED, I THIS LEASE, FT. 23 ther DF, RT, GR, etc.)	18. PROPOSED DEPT		ROTARY OR CABLE TOOLS Rotary 22. APPROX. DATE WORK	WILL START
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Gruy Petroleum Management Co.

600 East Las Colinas Blvd. • Suite 1100 • Irving, TX 75039 • (972) 401-3111 • Fax (972) 443-6450 Mailing Address: P.O. Box 140907 • Irving, TX 75014-0907

A wholly-owned subsidiary of Magnum Hunter Resources, Inc., a NYSE company MHR

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

Bureau of Land Management 2909 West 2nd Street Roswell New Mexico 88201-2019 Attn: Ms. Linda Askwig

Gruy Petroleum Management Co. accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land, or portion thereof, as described below:

Lease No.: NM - 14468

Legal Description: All Sec 11, T25S-R26E Containing 640 acres, Eddy County New Mexico

Formation (S): Morrow/Pennsylvanian

Bond Coverage: Nationwide BLM Bond

BLM Bond File No.: NM 2575

Authorized Signature: Zens Fam

Representing Gruy Petroleum Management Co.

Name: Zeno Farris

Title: Manager, Operations Administration

Date: 06/06/05

Application to Drill

Gruy Petroleum Management Co. Grynberg 11 Federal Com No. 3 T25\$Jniktester J Edag dieunty, NM

In response to questions asked under Section II B of Bulletin NTL-6 the following information is provided for your consideration:

1	Location: 15	00' FSL & 1300'	FWL Sec.	11 25S 26E				
2	Elevation above se	ea level:	GR 3328'					
3	Geologic name of	surface formation	<u>r:</u>	Quaternery All	uvium De	posits		
4	Drilling tools and a	associated equipr	<u>nent:</u>	Conventional r circulating med				a
5	Proposed drilling of	depth:	13000'					
6	Estimated tops of	geological marke	rs:					
	B/ De Bo	Salt Salt elaware one Spring folfcamp	200' 800' 1500 6168 8098	Cisco Canyon Strawn Atoka Morrow Barnett	9928 10078 10388 11,158 11,768			
7	Possible mineral t	pearing formation						
		Strawn Atoka Morrow	Gas Gas Gas					
8	Casing program:							
		Hole Size		Casing OD		Thread	Collar	Grade
		17 1/2" 12 1/4" 7 7/8"	0-200' 0-3200' 0-13000'	13 3/8" 9 5/8" 5 1/2"	54.5 40 17	8-R 8-R 8-R	ST&C ST&C ST&C	J-55 NS-110 N-80 / S-95



Application to Drill

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Unit Letter J Section 11 T25S - R26E Eddy County, NM

9 Cementing & Setting Depth:

	. ·	13 3/8" \	Surface	Set 200' of 13 3/8" J-55 54.5 ST&C casing. Cement with 225 Sx. Of Class "C" cement + additives, circulate cement to surface.
,		9 5/8"	Intermediate	Set 3200' of 9 5/8" NS-110 40# ST&C casing or casing sufficient to reach the base of the reef complex. Cement in two stages, first stage cement with 775 Sx. Of Class POZ/C Cement + additives, second stage cement with 225 Sx. Of Class "C" + additives, circulate cement to surface.
		5 1/2"	Production	Set 13000' of 5 1/2" NP-80 / S-95 17# ST&C casing. Cement in two stages, first stage cement with 870 Sx. of Class POZ/C Cement + additives. Second stage cement with 1050 Sx of Class "C" Estimated top of cement 2700'.
10	Pressure	control Equipme	<u>ent:</u>	Exhibit "E". A 13 3/8" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000 # annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 6000'. A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor. BOP unit will be hydraulically operated. BOP will be nippled up on the 9 5/8" casing and will be operated at least once a day while drilling and the blind rams will be operated when out of hole during trips. No abnormal pressure or temperature is expected while drilling.

11 Proposed Mud Circulating System:

Depth	Mud Wt	Viscosity	Fluid Loss	Type Mud
0 - 200'	8.4 - 8.6	30 - 32	•	Fresh water spud mud add paper to control seepage and high viscosity sweeps to clean hole.
200' - 3200'	9.7 - 10.0	28 - 29	May lose circ	Brine water. Add paper as needed to control seepage and add lime to control pH (9-10). Use high viscosity sweeps to clean hole.
3200' - 8300'	8.4 - 9.9	28 - 29		Fresh water. Paper for seepage. Lime for pH (9 - 9.5)
8300' - 10000'	8.45 - 8.9	28 - 29	NC	Cut brine. Caustic for pH control.
10000' - 13000'	8.9 - 9.7	29 - 45	NC	XCD Polymer mud system.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs. Mud system monitoring equipment with derrick floor indicators and visual/audio alarms shall be installed and operative prior to drilling into the Wolfcamp formation. This equipment will remain in use until production casing is run and cemented.



Application to Drill

Gruy Petroleum Management Co. Grynberg 11 Federal Com No. 3 Unit Letter J Section 11 T25S - R26E Eddy County, NM

12 Testing, Logging and Coring Program:

- A. Mud logging program: One-man unit from 8000' to TD
- B. Electric logging program: CNL / LDT / CAL / GR, DLL / CAL / GR
- C. No DST's, or cores are planned at this time.

13 Potential Hazards:

No abnormal pressures or temperatures or H2S gas are expected. Adequate flare lines will be installed off the mud / gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of equipment being used. Estimated BHP <u>4000</u> PSI, estimated BHT <u>190</u>.

14 Anticipated Starting Date and Duration of Operations:

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take <u>35 - 45</u> days. If production casing is run an additional 30 days will be required to complete and construct surface facilities.

15 Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals. The <u>Strawn / Morrow / Atoka pay will be</u> perforated and stimulated. The well will be tested and potentialed as a gas well.



Gruy Petroleum Management Co. Grynberg 11 Federal Com No. 3 Unit Letter J Section 11 T25S - R26E Eddy County, NM

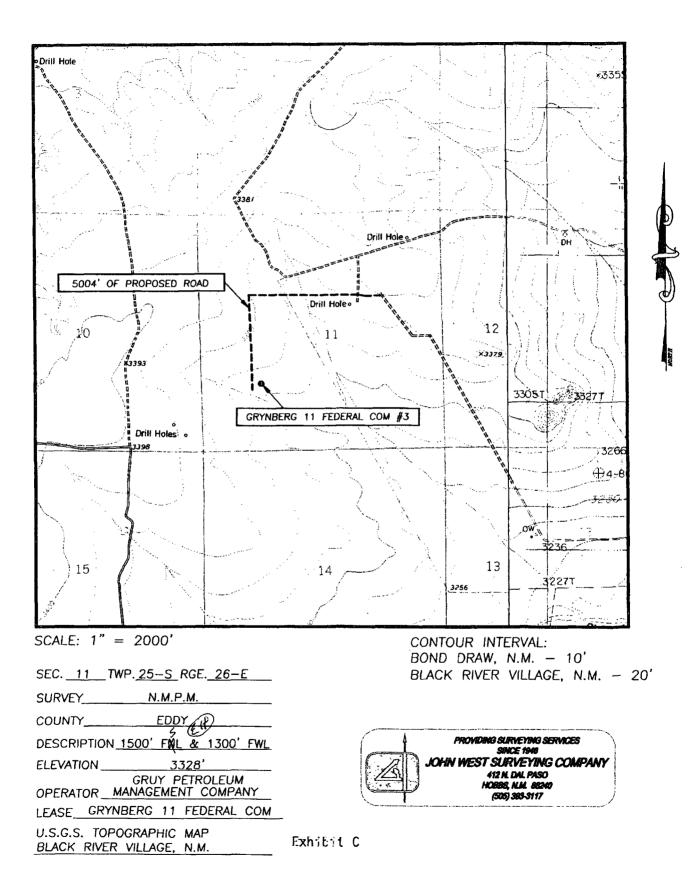
- 1 Existing Roads: Area maps, Exhibit "B" is a reproduction of Lea Co. General Highway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing roads and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.
 - A. Exhibit "A" shows the proposed well site as staked.

- B. From the intersection of County Road # 720 (Black River Rd.) and County Road # 742 (Forehand Rd.) Go south on Co. Rd. 742 for 7.0 miles. Turn right, west and go 1.2 miles, turn right (NW) and go 1.0 miles, veer left and go west for 0.1 miles, veer right and go NW for 0.2 miles to a proposed road survey.
- 2 PLANNED ACCESS ROADS: 5004' of access road will be constructed.
- 3 LOCATION OF EXISTING WELLS IN A ONE-MILE RADIUS EXHIBIT "A"

Α.	Water wells -	None Know
В.	Disposal wells -	None known
C.	Drilling wells -	None known
D.	Producing wells -	As shown on Exhibit "A"
E.	Abandoned wells -	As shown on Exhibit "A"

DISTRICT I							V Mexico Resources Department			
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		•			Surfa	ace Loca	ation			
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LOCATION VERIFICATION MAP



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TYPE OF SUBMISSION TYPE OF ACTION Image: Subsequent Roport Acidize Deepen Production (Start/Resume) Water Shut-Off Image: Subsequent Roport Casing Repair New Construction Recomplete Other Alter Casing Image: Subsequent Roport Casing Repair New Construction Recomplete Other Alter Casing Image: Subsequent Roport Casing Plans Prograd Abandon Tempornity Abandon Image: Subsequent Roport Convert to Injection Plang and Abandon Tempornity Abandon Image: Subsequent Roport Convert to Injection Plang and Abandon Tempornity Abandon Image: Subsequent Roport Convert to Injection Plang and Abandon Tempornity Abandon Image: Subsequent Roport Convert to Injection Prograd of more repairs and ancessure and ance subsequent reports shall be filed within 30 days Iso dependent with the work will be performed or provide the Boad No. on file with BLMPBLA. Required subsequent reports shall be filed within 30 days Test Subsequent Repairs and ances Grup is changing the casing on the Gryphorgation setulation and miles work and experiments, including reclamation, have been completed, and the operator had deterible filed within 30 days Grup is changing the casing on the Gryphorgation for adamagemethon of 13-3/8" 54.54.55.575.40 to 3						
Motice of Intent Acidize Deepen Production (SarvResume) Water Shut-Off Subsequent Report Casing Repair New Construction Reclamation Well Integrity Final Abandonment Notice Casing Repair New Construction Recomplete Other Alter Casing Is Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depth of all pertinent matters and a non- following completion of the involved operations. If the operation results is a malingle completion are new interval, a Form 1914 # Bill Hold Pertinent and the field on yr officienting on the Grynberg 11 Pederal Com No. 3 as follows: Surface casing Use 13-3/8" 48# H-40 ST&C to 200' instead of 13-3/8" 54.5# J-55 ST&C to 200 Intermediate Casing Use 9-5/8" 40# J-55 LT&C to 3200' instead of 9-5/8" 40# NS-110 LT&C to 3200' 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Natile Krueger Regulatory Technician Signame Date Addities of approval, if any, are attached. Approval of this notice does not warmat of Office	12. CHECK A	PPROPRIATE BOX(ES) T		· · · · · · · · · · · · · · · · · · ·	EPORT, OR	OTHER DATA
A Note & Hattin Alter Casing Fracture Treat Atter Casing Casing Repair Casing	TYPE OF SUBMISSION			TYPE OF ACTION		
Subsequent Report Casing Repair Casing Plus Plug Back Were Construction The proposed or Complete Convert to injection Casing I particularly, give and all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposed for Complete Convert to injection If the proposed or Complete Convert to injection If the proposed is to depend to the proposed or Converent to injection If th	Notice of Intent		~ ·	- ·	/Resume)	_
Final Abandonment Notice Convert to Injection Prug Back Water Disposal Convert to Injection Convert to Injection Prug Back Water Disposal Convert to Injection	Subsequent Report	Casing Repair	New Constructio	n 🖸 Recomplete		
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and the vertical depits of all perited matters and other states the Bod Much with States that be filed one of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 31604 shall be filed one of testing has been completed. Final Abadomment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator be determined that the site is ready for final inspection.) Gruy is changing the casing on the Grynberg 11 Federal Com No. 3 as follows: Surface casing Use 13-3/8' 48# H-40 ST&C to 200' instead of 13-3/8' 54.5# J-55 ST&C to 200 Intermediate Casing Use 13-3/8' 48# H-40 ST&C to 3200' instead of 9-5/8'' 40# NS-110 LT&C to 3200' Intermediate Casing Use 9-5/8'' 40# J-55 LT&C to 3200' instead of 9-5/8'' 40# NS-100 LT&C to 3200' Intermediate Casing Use 9-5/8'' 40# J-55 LT&C to 3200' instead of 9-5/8'' 40# NS-100 LT&C to 3200' Intermediate Casing Use 9-5/8'' 40# J-55 LT&C to 3200' instead of 9-5/8'' 40# NS-100 LT&C to 3200' Intermediate Casing Use 9-5/8'' 40# J-55 LT&C to 3200' instead of 9-5/8'' 40# NS-100 LT&C to 3200' Image: AUG 2 3 2005 (ORIG. SQD.) ALEXIS C. SWOBODA PETROLEUM ENGINEER Image: Title Natatile Krueger Title Natatile Krueger Date Approved by Title	Final Abandonment Notice		~ [*]		andon	
14. 1 hereby certify that the foregoing is true and correct Name (Printed/Typed) AUG 2 3 2005 (ORIG. SQD.) ALEXIS C. SWOBODA PETROLEUM ENGINEER 14. 1 hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Regulatory Technician Natatile Krueger Date August 19, 2005 Yet This SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title Outson Outson Outson Title Outson Outson Outson Outson Outson Title Outson Date Outson Outson Outson Outson Outson Outson Outson Outson	If the proposal is to deepen din Attach the Bond under which following completion of the in testing has been completed. I determined that the site is read Gruy is changing the casin	rectionally or recomplete horizonta the work will be performed or pro- volved operations. If the operation final Abandonment Notices shall y for final inspection.) g on the Grynberg 11 Federa	ally, give subsurface loc ovide the Bond No. on ne results in a multiple of be filed only after all r l Com No. 3 as follo	ations and measured and tru file with BLM/BIA. Requis completion or recompletion i equirements, including recla ws:	ic vertical depired subsequent in a new interv amation, have	t reports shall be filed within 30 days al. a Form 3160-4 shall be filed once
I4. I hereby certify that the foregoing is true and correct Name (Printed/Typed) ALEXIS C. SWOBODA PETROLEUM ENGINEER I4. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Natalie Krueger Title Signature Date Mugust 19, 2005 Title Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant of Office	Intermediate Casing Use 9	9-5/8" 40# J-55 LT&C to 320	00' instead of 9-5/8'	' 40# NS-110 LT&C to 3	200'	
Name (Printed/Typed) Title Natalie Krueger Regulatory Technician Signature Date August 19, 2005 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant of Office				AUG 2 3 (ORIG. SGD.) ALI	3 2005 E XIS C. S	
Name (Printed/Typed) Title Natalie Krueger Regulatory Technician Signature Date August 19, 2005 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant of Office			·····			
Signature Date August 19, 2005 August 19, 2005 This space for federal or state of fice Date Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office	Name (Printed/Typed)	ing is true and correct	Title			
August 19, 2005 Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office	a second s			gulatory Technician		
Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant of Office	, Vatalit	man		ugust 19, 2005	····· <u>····</u>	
Conditions of approval, if any, are attached. Approval of this notice does not warrant of Office			FOR FEDERAL OF	STATE OFFICE USE		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office certify that the applicant holds legal or equivable title to those rights in the subject legal.	Approved by	0		Title	מ	ate
which would entitle the applicant to conduct operations thereon.	certify that the applicant holds leg which would entitle the applicant to	al or equitable title to those right conduct operations thereon.	e does not warrant or ts in the subject lease	Office		· · · · · · · · · · · · · · · · · · ·

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious of fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Do not use ta abandoned w	UNITED STATES DEPARTMENT OF THE L BUREAU OF LAND MANA AY NOTICES AND REPO his form for proposals to rell. Use Form 3160-3 (APL	NTERIOR GEMENT RTS ON WELLS drill or to r e-o nter a o) for such proposal			
SUBMIT IN TH	NPLICATE - Other Instru	ictions on reverse	side		rg 11 Fed Com
1. Type of Well]				ame and No.
2. Name of Operator					rg 11 Federal Com No. 3
Gruy Petroleum Managem	ient Co.			9. API W	
3a. Address P. O. Box 140907 Irving,	TX 75014-0907	3b. Phone No. (include 972-401-311)			nd Pool, or Exploratory Area
4. Location of Well (Footage, Sec					City; Penn (87280)
Sec 11-T25S-R26E				11. County	or Parish, State
1500' FSL & 1300' FWL				Eddy	Co., NM
12. CHECK AI	PROPRIATE BOX(ES) TO	DINDICATE NATU	RE OF NOTICE, I	REPORT, C	R OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize	Deepen	D Production (Sta	rt/Resume)	Water Shut-Off
Houce of Intent	Alter Casing	G Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		OtherAlter 9-5/8"
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily A		casing depth
	Convert to Injection	Plug Back	Water Disposa	l	
following completion of the int testing has been completed. Find determined that the site is ready Gruy is changing the casing	olved operations. If the operation inal Abandonment Notices shall be	results in a multiple com e filed only after all requ Com No. 3 as follows:	pletion or recompletion irements, including rec	n in a new inte	int reports shall be filed within 30 days rval, a Form 3160-4 shall be filed once e been completed, and the operator has
		RECEIVE SEP 1 4 20 OOD-AHTE	05	S	PROVED EP - 7 2005 LES BABYAK OLEUM ENGINEER
14. I hereby certify that the foregoin Name (Printed/Typed)	ng is true and correct	Title			
Natalie Krueger Signature	<u> </u>	Regul	atory Technician		
Uatali, t	Euge		1st 25, 2005		
		OR FEDERAL OR S	TATE OFFICE US	E	
Approved by		T	itic		Daie
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to c	l or equitable title to those rights	does not warrant or O	ffice		
Title 18 U.S.C. Section 1001, makes fraudulent statements or representation	s it a crime for any person knowi ons as to any matter within its juris	ngly and willfully to mak	te to any department of	or agency of th	e United States any false, fictitious or

(Instructions on reverse)

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	N	I.M. Oil Co	ns. DIV-Dis	. 2	
Do not use t		s1301 W. DEFIOR GEMBATCSIA, RTS ON WELLS drill or to re-enter drill or to re-enter	Grand Avenu NM 88210 S	5. Lease Serial N NMNM14468	
SUBMIT IN T	RIPLICATE - Other Instru	ictions on revei	se side RECEIVED		Agreement, Name and/or No.
1. Type of Well Oil Well 🖾 Gas Well	Cother	<u>, , , , , , , , , , , , , , , , , , , </u>	SEP 1 6 2005	8. Well Name an	
2. Name of Operator	<u> </u>		OCU-MITESI	Grynberg 11	Federal Com No. 3
Gruy Petroleum Managen 3a. Address	ienț Co.	3b. Phone No. (int		9. API Well No. 30-015-3419	
P. O. Box 140907 Irving,		972-401-3		. 10. Field and Poo White City; I	l, or Exploratory Area
4. Location of Well (Footage, See Sec 11-T25S-R26E	c., T., R., M., or Survey Description	<i>)</i>		11. County or Par	
1500' FSL & 1300' FWL				Eddy Co., N	Μ
12. CHECK A	PPROPRIATE BOX(ES) TO) INDICATE NA	TURE OF NOTICE,	REPORT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
Attach the Bond under which i following completion of the in testing has been completed. F determined that the site is ready 08-24-05 Spudded well a 2% CaCl. Circu 08-27-05 Ran 74jts 9-5/ 08-28-05 Cemented with	ectionally or recomplete horizontal the work will be performed or pro- volved operations. If the operation inal Abandonment Notices shall b	ly, give subsurface loo vide the Bond No. on a results in a multiple is filed only after all a 5 jts 13-3/8" 48# I sing to 1000psi for 354'. Flocele and tail 20	Temporarily A Water Disposa estimated starting date of cations and measured and the file with BLM/BIA. Req completion or recompletion requirements, including red H-40 STC casing to 20 15 minutes. WOC 15	Abandon any proposed work a true vertical depths of uired subsequent repu n in a new interval, a clamation, have been 7'. Cemented with .5 hours. 1% CaCl. Circulat DR RECORD 2005 000 000 000 000 000 000 00	all pertunent markers and zones. orts shall be filed within 30 days Form 3160-4 shall be filed once completed, and the operator has a 235sx Premium Plus +
 I hereby certify that the foregoin Name (Printed/Typed) Natalie Krueger 	ng is true and correct	Title Re	gulatory Technician		
Signature		Date			
<u>Matalu f</u>	THIS SPACE E		September 8, 2005	£	
Approved by	<u> </u>		Title	Date	
Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant to	d or equitable title to those sights	does not warrant or in the subject lease	Office	<u> </u>	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

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· · · ·		VI. Oli Con-	3. DIV-Dist. (2	
Form 3160-5 (November 1994)	UNITED STATES DEPARTMENT OF THE II BUREAU OF LAND MANA	SO1 W. Gr Nterior	and Avenu <mark>e</mark> M 88210		FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996
SUND	RY NOTICES AND REPO			5. Lease Ser NMNM14	
Do not use	this form for proposals to well. Use Form 3160-3 (APD	drill or to re-ente	r an	6. If Indian,	Allottee or Tribe Name
SUBMIT IN 1	RIPLICATE - Other Instru	ictions on reven			CA/Agreement, Name and/or No. 11 Fed Com
1. Type of Well Oil Well S Gas Well			OCT 2 1 2005	8. Well Nan	·····
2. Name of Operator Gruy Petroleum Manage	······································	Q	DU-MATERIA	Grynberg 9. API Well	11 Federal Com No. 3
3a. Address	· · · · · · · · · · · · · · · · · · ·	3b. Phone No. (incl	•	30-015-3	34193
P. O. Box 140907 Irving	g, 1X. 75014-0907 lec., T., R., M., or Survey Description	972-401-31			Pool, or Exploratory Area ty; Penn (87280)
Sec 11-T25S-R26E		·/			r Parish, State
1500' FSL & 1300' FWL				Eddy Co)., NM
12. CHECK	APPROPRIATE BOX(ES) TO	O INDICATE NAT	URE OF NOTICE, F	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION		•	TYPE OF ACTION		
Notice of Intent	Acidize	Deepen	Production (Sta	n/Resume)	Water Shut-Off
Subsequent Report	Alter Casing	Fracture Treat			Well Integrity
- ·-···	Casing Repair Change Plans	New ConstructionPlug and Abandon		bandon	Cotherset production
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
If the proposal is to deepen d Attach the Bond under which following completion of the i testing has been completed. determined that the site is rea	inectionally or recomplete horizontal to the work will be performed or pro- nvolved operations. If the operation Final Abandonment Notices shall b dy for final inspection.)	lly, give subsurface loca wide the Bond No. on a results in a multiple of	ations and measured and the file with BLM/BIA. Require completion or recompletion	rue vertical dept aired subsequent t in a new interv	ork and approximate duration thereof. hs of all pertinent markers and zones. reports shall be filed within 30 days eat, a Form 3160-4 shall be filed once been completed, and the operator has
	12275') of 8-3/4" hole. 1/2" 17# P-110 LTC casing to	12275' Cemented	first stage with lead of	f 640sx Interfi	ill H 11.9# and tail of
	n Basin Super H 13.2#. Ceme				
	culated 125sx to pit. TOC surfa	5			
09-27-05 Tested casing	to 4000psi for 30 minutes.				
				UM ENGINE	
14. I hereby certify that the foregen Name (Printed/Typed)	bing is true and correct	Title			
Natalie Krueger			ulatory Technician		
Signature	107th	Date 10	0-1105		
	THIS SPACE F	OR FEDERAL OR	STATE OFFICE US	E	
Approved by			Title	D	aic
Conditions of approval, if any, ar certify that the applicant holds le which would entitle the applicant to	e attached. Approval of this notice gal or equitable title to those rights o conduct operations thereon.	e does not warrant or s in the subject lease	Office	L	
Title 18 U.S.C. Section 1001, mai fraudulent statements or representa	tes it a crime for any person knowi ations as to any matter within its juris	ingly and willfully to n solution.	nake to any department o	r agency of the	United States any false, fictitious or

(Instructions on reverse)

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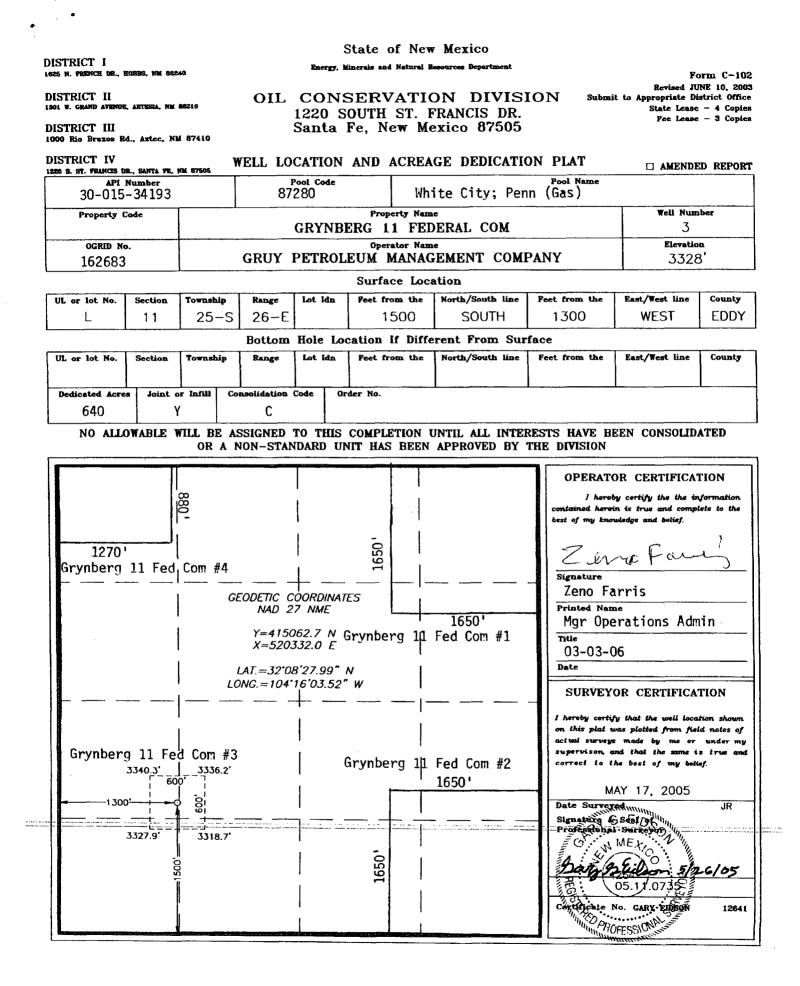
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October 1990)			NITED S		ES	SUBMIT		DUPLICAT (Sec off structio	er in-		OMB N (pires: D	PPROVED 0. 1004-0137 comber 31, 19	
			INT OF					LGAGLMG RELFICED				ATION AND S	ERIAL NO.
										6. 17 IN1			LIBS NAMS
WELL CON						EPORI A		LOG					
1a. TYPE OF WELL	.:	WRIL 0	GAR WELL	027)ther						INT NAME	
NEW KZI	NORK	DKK1	nuga	D188.	m						-	ederal Com	
NEW WELL		EN []	nsčk LJ	EKNYR.		Other				_		ederal Com	
Gruy Petroleum	_	nent Co.								9. API W	•		
3. ADDRESS AND T										30-015-			
P O Box 140907	7 Irving T	x. 75014-0	0907		det and	Desta service				1		OOL, OR WILL	CAT
At surface 150 At top prod. inter)0' FSL &	1300' FW	L 1500' FSL 8					VED		11. sec.	, T., B.,)	enn (Gas) (., on block /	ND SURVET
At total depth	1500' FSI	L & 1300'	FWL			MAR	10	2006					
				14. PEBN		GAP		TESIA		12. COUL PARI Eddy	\$ R	13. a NM	
15. DATE SPUDDED			D 17. DATE		cendy to			ATIONS (DP	, RKB,	RT, GE, ETC	.)• 1	9. BLEV. CAN	NGESAD
08-24-05	09-15-05		11-29-0	VD 22. 1		IPLE COMPL.	<u>28' G</u>	23. INTER		ROTARY	TOOLS	CABLE	TOOLS
12275'	· 1	263'			HOW MA			DRILL	ED BY	All		1	
24. PRODUCING INTER	VAL(S). OF	THIS CONF	LETION-TOP,	BOTTOM, N	ANE (N	D AND TYD)*						25. WAS DU SURVET	MADE
White City; Pe	enn (Gas)	11/44 -	11923									Yes	
26. TYPE BLECTRIC A											1 27	. WAR WELL	CORED
			_										
Dual Spaced P	veution, L	ILL MICRO	guard, Cem	ent Bond	Log						N	lo	
29.			CABIN	G RECOR	D (Rep	ort all strings	set i				ła		
29. CASING SIZE/GRADE	WEIGRT)LL Micro	CABIN	(MD)	D (Rep Hor	.2 8125		TOP OF CEM			ła		F PULLED
29. CASING SIZE/GRADE 13-3/8" H-40	WEIGRT		CABIN DEPTH SET 207'	(MD)	D (<i>Rep</i> нот 17-1/2	.E 5155	235 s	TOP OF CEM	us cir	c 54 sx	ICORD		T PULLED
29. CASING SIZE/GRADE	WEIGRT		CABIN	(G RECOR	D (Rep Hor	,2 5125 H	235 s 925 s	TOP OF CEM	us cir emPl	c 54 sx us circ 22	5 SX		F PULLED
28. Casing Size/grade 13-3/8" H-40 9-5/8" J-55	WEIGRT 48# 40#	, LO./FT.	CABIN DEPTH SET 207' 2854' 12275'	(G RECOR	D (<i>Repo</i> нот нот 17-1/2 12-1/4	,2 5125 H	235 s 925 s	rop of can sx PremPl sx IntC/Pr sx IntH/Sup	us cir emPl	c 54 sx us circ 22 PremH circ TOC sur	5 sx 125 sx face		F PULLED
28. CASING SIZE/GRAUE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29.	48# 40# 17#	. LO./FT. Line	CABIN DEFTH SET 207' 2854' 12275' R RECORD	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	.E 5135 11 11	235 s 925 s 2140 s	rop of crain sx PremPl sx IntC/Pr sx IntH/Sup 30.	us cir emPl	c 54 sx us circ 22 PremH circ TOC sur TUBING	5 sx 125 sx face RECOR		
28. CASING SIZE/GRAUE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110	WEIGRT 48# 40#	. LO./FT. Line	CABIN DEFTH SET 207' 2854' 12275' R RECORD	(G RECOR	D (Rep Hot 17-1/2 12-1/4 8-3/4"	,2 5125 H	235 s 925 s 2140 s	TOP OF CEM SX PremPl SX IntC/Pr SX IntH/Sup 30.	us cir emPl H/ImC	c 54 sx us circ 22 PremH circ TOC sur TCBING	5 sx 125 sx face RECOR		F PULLED
28. CASING SIZE/GRAUE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29.	48# 40# 17#	. LO./FT. Line	CABIN DEFTH SET 207' 2854' 12275' R RECORD	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	.E 5135 11 11	235 s 925 s 2140 s	rop of crain sx PremPl sx IntC/Pr sx IntH/Sup 30.	us cir emPl H/ImC	c 54 sx us circ 22 PremH circ TOC sur TUBING	5 sx 125 sx face RECOR		
28. CASING SIZE/GRAUE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. SIZE 31. PERFORATION REC	WEIGRT 48# 40# 17# TOP (MD)	LINE	CASIN DEPTH SET 207' 2854' 12275' R RECORD NOM (MD)	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	.E 5135 11 11	235 s 925 s 2140	rop of cital sx PremPl sx IntC/Pr sx IntH/Sup 30. 6128 2-3/8"	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TOC sur TC BING DEPTH ON 1697'	5 sx 125 sx face RECOR		897 (ND)
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. SIZE 31. PERPORATION REC 11880' - 11925' 6	wsscart 48# 40# 17# тор (мэ) бовр (Jaterri 6 SPF 84 H	LINE	CASIN DEPTH SET 207' 2854' 12275' R RECORD NOM (MD)	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	2 8188 11 11 SCR821 (M SCR821 (M SCR821 (M) SCR821 (M)	235 s 925 s 2140 s 0) AC	rop or can sx PremPl sx IntC/Pr sx IntH/Sup 30. srzs 2-3/8" aD. SHOT. L (MD)	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TOC sur TCBING DEFTH III 1697' TURE, CE	5 SX 125 SX face RECORI T (MD) MENT &	AMOUN AMOUN D PACKER SQUEEZE, E SQUEEZE, E	EF7 (ND) EC. UGED
28. CASING SIZE/GRAUE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. SIZE 31. PERFORATION REC	wsscart 48# 40# 17# тор (мэ) бовр (Jaterri 6 SPF 84 H	LINE	CASIN DEPTH SET 207' 2854' 12275' R RECORD NOM (MD)	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	.2 8188 " " SCABEM (30 SCABEM (30	235 s 925 s 2140 s 0) 0) AC	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 5138 2-3/8" aD. SHOT. L (MD) 51	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TCBING DEFTH 00 1697' TURE. CE NOUNT ANI gal foam 4	5 SX 125 SX 125 SX face RECORI T (MD) MENT E D KIND (5# gel 85	AMOUN AMOUN D PACKER SQUEEZE E SQUEEZE E SQUE SQUEEZE E SQUEEZE E SQUEEZE E SQUEEZE E SQUEEZE E SQ	EFT (ND) RC. UEED CO2, Methano
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. SIZE 31. PERPORATION REC 11880' - 11925' 6	wsscart 48# 40# 17# тор (мэ) бовр (Jaterri 6 SPF 84 H	LINE	CASIN DEPTH SET 207' 2854' 12275' R RECORD NOM (MD)	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	2 8188 11 11 SCR821 (M SCR821 (M SCR821 (M) SCR821 (M)	235 s 925 s 2140 s 0) 0) AC	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 5138 2-3/8" aD. SHOT. L (MD) 51	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TCBING DEFTH 00 1697' TURE. CE NOUNT ANI gal foam 4	5 SX 125 SX 125 SX face RECORI T (MD) MENT E D KIND (5# gel 85	AMOUN AMOUN D PACEER SQUEEZE, E SQUEEZE, E SQUE SQUEEZE, E SQUEEZE, E SQUEZE, E SQUEZE, E SQUEZE, E SQUEZE, E SQUEZE, E SQUE	RC. USED CO2, Methan CO2, Methan
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. SIZE SIZE 11. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6	wsscart 48# 40# 17# тор (мэ) бовр (Jaterri 6 SPF 84 H	LINE	CASIN DEPTH SET 207' 2854' 12275' R RECORD NOM (MD)	(G RECOR (MD)	D (Rep Hot 17-1/2 12-1/4 8-3/4"	.2 8188 " " SCABEM (30 SCABEM (30	235 s 925 s 2140	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 5138 2-3/8" aD. SHOT. (MD) 51 51 51 51 51 51 51 51 51 51	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTN 00 1697' TURE. CE MOUNT AM gal foam 4: gal foam 4:	5 sx 125 sx face RECOR T (MD) MENT & D KIND (S# gel 85 5# gel 85	AMOUN AMOUN D PACKER SQUEEZE E SQUEEZE E SQUE SQUEEZE E SQUEEZE E SQUEEZE E SQUEEZE E SQUEEZE E SQ	BPT (MD) CO. USED CO2, Methano CO2, Methano aprop
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 28.*	wssanz 48# 40# 17# тор (мз) SSPF 84 H SSPF 102	LINE	CASIN DEFTH SET 207' 2854' 12275' R RECORD NOM (ND)	IG RECOR (MD) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td< td=""><td>D (Rep. 101) 17-1/2 12-1/4 8-3/4"</td><td>E SIAB " " SCABEM (36) SCABEM</td><td>235 s 925 s 2140 i 9) ACC 1923 11-25 1818</td><td>rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. stas 2-3/8" aD. SHOT. (MD) 1</td><td>us cir emPl H/IntC</td><td>c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OU 1697' TURE, CE MOUNT AND gal foam 4: gal foam 4:</td><td>5 5X 125 5X 125 5X face RECOR RECOR T (MD) MENT 8 D EIND 55# gel 85 55# gel 85</td><td>AMOUN AMOUN D PACEER SQUEEZE, E OF MATERIAL :15 7% KCL, 48000# Vers :15 7% KCL, Methapol 500</td><td>BF7 (MD) FC. UEED CO2, Methano CO2, Meth</td></td<>	D (Rep. 101) 17-1/2 12-1/4 8-3/4"	E SIAB " " SCABEM (36) SCABEM	235 s 925 s 2140 i 9) ACC 1923 11-25 1818	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. stas 2-3/8" aD. SHOT. (MD) 1	us cir emPl H/IntC	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OU 1697' TURE, CE MOUNT AND gal foam 4: gal foam 4:	5 5X 125 5X 125 5X face RECOR RECOR T (MD) MENT 8 D EIND 55# gel 85 55# gel 85	AMOUN AMOUN D PACEER SQUEEZE, E OF MATERIAL :15 7% KCL, 48000# Vers :15 7% KCL, Methapol 500	BF7 (MD) FC. UEED CO2, Methano CO2, Meth
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 23. BATE PIRET PRODUCTI 12-31-05	WEIGHT 48# 40# 17# TOP (MB) TOP (MB) 5 SPF 84 H 5 SPF 102	LINE LINE Del, else en Holes Holes Flowing	CASIN DEFTH SET 207' 2854' 12275' R RECORD NM (MD)	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4"	E SIAB H SCABBM (M SCABBM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (235 s 925 s 2140 i 9) ACC 1923 11-25 1818	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. L (MD) " " " " " " " " " "	us cir emPl H/IntC 	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH 00 1697' TURE. CE NOUNT ANI gal foam 4: gal foam 4:	5 sx 125 sx face RECORI T (MP) MENT & P KIND 5# gel 85 5# gel 85 5# gel 85 5# gel 85 5# gel 85 5# gel 85 5# gel 85	AMOUN AMOUN PACKER PACKER PACKER SQUEEZE, E OF MATBILAL SOF MATBLAL STA KCL, 48000# Vers S15 7% KCL, Methanol S00 ATUB (Product)	RC. USED CO2, Methano CO2, Meth
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 28.* PATE FIRST PRODUCTION	wssanz 48# 40# 17# тор (мз) SSPF 84 H SSPF 102	LINE LINE Del, else en Holes Holes Flowing	CASIN DEFTH SET 207' 2854' 12275' R RECORD NOM (MD)	IG RECOR (MD) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td< td=""><td>D (Rep HOT 17-1/2 12-1/4 8-3/4" (ENT* (ENT* PROI 6 46/6, pc</td><td>E SIAB H SCABEM (M SCABEM (M</td><td>235 s 925 s 2140 i 9) ACC 1923 11-25 1818</td><td>rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. (MD) y gas-ac</td><td>us cir emPl H/IntC </td><td>c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OF 1697' TURE. CE NOUNT AN gal foam 4: gal foam 4:</td><td>5 5X 125 5X 125 5X face RECOR RECOR T (MD) MENT 8 D EIND 55# gel 85 55# gel 85</td><td>AMOUN AMOUN PACKER PACKER SQUEEZE, E SQUEEZE, SQUEEZE, E SQUEEZE, SQUEEZE, SQU</td><td>RC. USED CO2, Methano CO2, Meth</td></td<>	D (Rep HOT 17-1/2 12-1/4 8-3/4" (ENT* (ENT* PROI 6 46/6, pc	E SIAB H SCABEM (M SCABEM (M	235 s 925 s 2140 i 9) ACC 1923 11-25 1818	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. (MD) y gas-ac	us cir emPl H/IntC 	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OF 1697' TURE. CE NOUNT AN gal foam 4: gal foam 4:	5 5X 125 5X 125 5X face RECOR RECOR T (MD) MENT 8 D EIND 55# gel 85 55# gel 85	AMOUN AMOUN PACKER PACKER SQUEEZE, E SQUEEZE, SQUEEZE, E SQUEEZE, SQUEEZE, SQU	RC. USED CO2, Methano CO2, Meth
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 28. DATE PIRST PRODUCTI 12-31-05 DATE OF TEST	WEIGHT 48# 40# 17# TOP (MB) 5 SPF (MB) 5 SPF 84 H 5 SPF 102	LINE LINE Desl, else en Holes Holes Flowing	CASIN DEFTH SET 207' 2854' 12275' IR RECORD IN METHOD (F) A number) IN METHOD (F) CHORE SISE WO CALCULATED	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4" eENT* PROI e Wft, pt ERJOD	E SIAB H SCABBM (M SCABBM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (M SCABM (235 s 925 s 2140 y >) ACC FEUVAI 1925 1-25 1818	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. L (MD) " " " " " " " " " "	us cir emPl H/IntC FRAC 28837 29864 \$	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH 00 1697' TURE. CE NOUNT ANI gal foam 4: gal foam 4:	55 SX 125 SX 125 SX face RECORI T (MD) MENT & D KIND 54 gel 85 54 ge	AMOUN AMOUN PACKER PACKER PACKER SQUEEZE, E SQUEEZE, S SQUEEZE, S SQUE S SQUEEZE, S SQUEEZE, S SQUE	RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 23. DATE PIRST PRODUCTI 12-31-05 DATE OF TROT 01-26-06	WEIGHT 48# 40# 17# 70P (M2) 708D (Jater) 5 SPF 84 H 5 SPF 102 80F 102 80F 102 80F	LINE	CASIN DEFTH SET 207' 2854' 12275' R RECORD FOM (MD) [4 RUMBER] 4 RUMBER] 4 RUMBER] 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4" eENT* PROI e Wft, pt ERJOD	E SIAB H SCAPEN (M SCAPEN (M SZ DEFTEL INT 11880' - 1 11880' - 1 11744' - 1 DU'CTION MAN STID - SIAC OIL-BEL. 0	235 s 925 s 2140 y >) ACC FEUVAI 1925 1-25 1818	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. (MD) y gas-ac	us cir emPl H/IntC FRAC 28837 29864 \$	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OF 1697' TURE. CE NOUNT ANI gal foam 4: gal foam 4:	St gel 85 St gel 85	A MOUN A MOUN PACKER D PACKER SQUEEZE, E SQUEEZE, E OF MATBLIAL 1:15 7% KCL, 48000# Vers 1:15 7% KCL, 48000# Vers 1:15 7% KCL, Methanol 500 Attua (Produced) Cling CAB-OIL NA 1L GRAVITT-AI	RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 20. SIZE 31. PERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 23. DATE PIRST PRODUCTI 12-31-05 DATE OF TROT 01-26-06 FLOW. FURMING FERM.	WEIGHT 48# 40# 17# 70P (M2) 70P (M2) 5 SPF 84 H 5 SPF 102 5 SPF 102 10F 10F 10F 24 700	LINE LINE D BOT DOL, else en Holes Holes Flowing Flowing REGOURT	CASIN DEFTH SET 207' 2854' 12275' R RECORD FOM (MD) 4 RUMBER) 4 RUMBER) CHOGE SISE WO CALCULATED 24-ROUR BATE	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4" eENT* PROI e Wft, pt ERJOD	E SIAB H SCABBH (M SCABBH (M SZ DEFTEL INT 11880'-1 11880'-1 11744'-1 DU'CTION SER SIAB OIL-BBL. O CAB-	235 s 925 s 2140 y >) ACC FEUVAI 1925 1-25 1818	TOP OF CEM SX PremPl SX IntC/Pr SX IntC/Pr S0. S128 2-3/8" ID. BHOT. L (MD) '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' <td>us cir emPl H/IntC FRAC 28837 29864 \$</td> <td>c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OF 1697' TURE. CE NOUNT ANI gal foam 4: gal foam 4:</td> <td>St gel 85 St gel 85</td> <td>AMOUN AMOUN PACKER PACKER PACKER SQUEEZE, E SQUEEZE, S SQUEEZE, S SQUE S SQUEEZE, S SQUEEZE, S SQUE</td> <td>RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio</td>	us cir emPl H/IntC FRAC 28837 29864 \$	c 54 sx us circ 22 PremH circ TOC sur TUBING DEFTH OF 1697' TURE. CE NOUNT ANI gal foam 4: gal foam 4:	St gel 85 St gel 85	AMOUN AMOUN PACKER PACKER PACKER SQUEEZE, E SQUEEZE, S SQUEEZE, S SQUE S SQUEEZE, S SQUEEZE, S SQUE	RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. 8128 31. PERPORATION REC 11880' - 11925' 6 11744' - 11818' 6 11744' - 11818' 6 83.* PATE PIEST PRODUCTI 12-31-05 DATE OF TEST 01-26-06 740W. TURLING PRESS. 50 34. DISPOSITION OF G. Sold	WENGRT 48# 40# 17# TOP (MD) SOBD (Jateri SSPF 84 H SSPF 84 H SSPF 102 NOURS TE 24 CABING PT 700 AB (Bold, work)	LINE LINE D BOT DOL, else en Holes Holes Flowing Flowing REGOURT	CASIN DEFTH SET 207' 2854' 12275' R RECORD FOM (MD) 4 RUMBER) 4 RUMBER) CHOGE SISE WO CALCULATED 24-ROUR BATE	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4"	E SIAB H SCABBH (M SCABBH (M SZ DEFTEL INT 11880'-1 11880'-1 11744'-1 DU'CTION SER SIAB OIL-BBL. O CAB-	235 s 925 s 2140 y >) ACC FEUVAI 1925 1-25 1818	тор ог сы sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" 2-3/8" ар. внот. L (мр) 5 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9	us cir emPl H/IntC FRAC 28837 29864 \$ 16086628837 29864 \$ 16086628837 29864 \$ 28837 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 28837 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 29864 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 200 \$ 20 \$ 20 \$ 20 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 2	C 54 SX US CITC 22 PremH citC TOC SUF TUBING DEPTH OF 1697' TURE. CE NOUNT AN gal foam 4: gal foam 4:	St gel 85 St gel 85	A MOUN A MOUN PACKER D PACKER SQUEEZE, E SQUEEZE, E OF MATBLIAL 1:15 7% KCL, 48000# Vers 1:15 7% KCL, 48000# Vers 1:15 7% KCL, Methanol 500 Attua (Produced) Cling CAB-OIL NA 1L GRAVITT-AI	RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. 31. FERFORATION REC 11880' - 11925' 6 11744' - 11818' 6 11744' - 11818' 6 12-31-05 DATE OF TRAT 01-26-06 FLOW. TURNE FERM. 50 34. DISPOSITION OF G Sold 35. LIST OF ATTACEN	WENGRT 48# 40# 17# TOP (MB) SOGD (Jaferrights) SSPF 84 H SSPF 84 H SSPF 102 NOM MOULAS TH 24 CABING PH 700 AM (Bold, work)	LINE LINE Del, sise an Holes Holes Flowing ESTED RESSCRE	CASIN DEFTH SET 207' 2854' 12275' R RECORD TOM (MD) A RECORD (MD) A RECORD (MD) A RECORD (MD) A RECORD (P) CHOSE SIES WO CALCULATED 24-ROUR EATE SCRIGG, efc.)	IG RECOR	D (Rep HOI 17-1/2 12-1/4 8-3/4"	E SIAB H SCABBH (M SCABBH (M SZ DEFTEL INT 11880'-1 11880'-1 11744'-1 DU'CTION SER SIAB OIL-BBL. O CAB-	235 s 925 s 2140 y >) ACC FEUVAI 1925 1-25 1818	TOP OF CEM SX PremPl SX IntC/Pr SX IntC/Pr S0. S128 2-3/8" ID. BHOT. L (MD) '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' <td>us cir emPl H/IntC FRAC 28837 29864 \$</td> <td>C 54 SX US CITC 22 PremH citC TOC SUF TUBING DEPTH OF 1697' TURE. CE NOUNT AN gal foam 4: gal foam 4:</td> <td>St gel 85 St gel 85</td> <td>A MOUN A MOUN PACKER D PACKER SQUEEZE, E SQUEEZE, E OF MATBLIAL 1:15 7% KCL, 48000# Vers 1:15 7% KCL, 48000# Vers 1:15 7% KCL, Methanol 500 Attua (Produced) Cling CAB-OIL NA 1L GRAVITT-AI</td> <td>RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio</td>	us cir emPl H/IntC FRAC 28837 29864 \$	C 54 SX US CITC 22 PremH citC TOC SUF TUBING DEPTH OF 1697' TURE. CE NOUNT AN gal foam 4: gal foam 4:	St gel 85 St gel 85	A MOUN A MOUN PACKER D PACKER SQUEEZE, E SQUEEZE, E OF MATBLIAL 1:15 7% KCL, 48000# Vers 1:15 7% KCL, 48000# Vers 1:15 7% KCL, Methanol 500 Attua (Produced) Cling CAB-OIL NA 1L GRAVITT-AI	RC. UGED CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano CO2, Methano Reprop CO2, NO/# Versapro etag or Ratio
28. CASING SIZE/GRADE 13-3/8" H-40 9-5/8" J-55 5-1/2" P-110 29. 8128 31. PERPORATION REC 11880' - 11925' 6 11744' - 11818' 6 11744' - 11818' 6 83.* PATE PIEST PRODUCTI 12-31-05 DATE OF TEST 01-26-06 740W. TURLING PRESS. 50 34. DISPOSITION OF G. Sold	WENGRT 48# 40# 17# TOP (MB) SOAD (Jater) SSPF 84 H SSPF 84 H SSPF 102 HOURS TE 24 CAUNO PA Rold, was MERTS d Inclination	LINE LINE D BOT D BOT D BOT D BOT D BOT Flow Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing Flowing F	CASIN DEFTH SET 207' 2854' 12275' R RECORD FOM (MD) d RUMBER) d RU	IG RECOR	D (Rep. HOI 17-1/2 12-1/4 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 8-3/4" cente 1-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 8-3/4 cente 1 cente 1 cente 1 cente 1 cente 1 cente 1 cente 1 cen	E SIAB H SCABEM (M SCABEM	235 s 925 s 2140 p) ACC ERUVA 1925 1-25 1818 8nd 2 8nd 2	rop or cas sx PremPl sx IntC/Pr sx IntH/Sup 30. 8128 2-3/8" aD. SHOT. L (MD) y y gas-wc 8 ACC C	US CIT emPl H/IntC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c 54 sx us circ 22 PremH circ TOC sur TCBING DEFTH IN 1697' TURE. CE MOUNT AN gal foam 4: gal foam 4:	St gel 85 St gel 85	A MOUN A MOUN PACKER D PACKER SQUEEZE, E SQUEEZE, E OF MATBLIAL 1:15 7% KCL, 48000# Vers 1:15 7% KCL, 48000# Vers 1:15 7% KCL, Methanol 500 Attua (Produced) Cling CAB-OIL NA 1L GRAVITT-AI	RC. USED CO2, Methano CO2, Meth

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Fitle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



	TOP	VERT. DEPTH								
GEOLOGIC MARKERS	2	MEAS. DEPTH	1912'	5414'	8575'	10178'	10479'	10683'	11266'	
38. GEOL	AVAN		Delaware	Bone Spring	Wolfcamp	Cisco-Canyon	Strawn	Atoka	Morrow	
SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all delli-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.									

OPERATORGruy Petroleum ManagementWELL/LEASEGrynberg 11 Fed Com 3COUNTYEddy, NM

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170

473

936

1,423

1,770 1,968 2,213 2,657 2,794 2,806 3,262 3,673 4,148 4.622 5,066 5,381 5,802 6,270 6,745 7,187 7,630 7,756 7,946 8,083 8,367 8.871 9,346 9,814 10,256 10,666 10,690

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STATE OF NEW MEXICO DEVIATION REPORT

BY: 9

STATE OF TEXAS COUNTY OF MIDLAND

10,906

11,378

11,882

12,275

The foregoing instrument was acknowledged before me on Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

October 4, 2005 , by Steve

ublic for Midland County Te

Notary Public for Midland County, Texas My Commission Expires: 8/23/07

4

4 1/4

5 1/4

5 1/4



J ROBERTSON Notary Public, State of Texas My Commission Expires: August 23, 2007

3/7/2006

Wellbore Diagram

String Information

30-015-34193-00-00

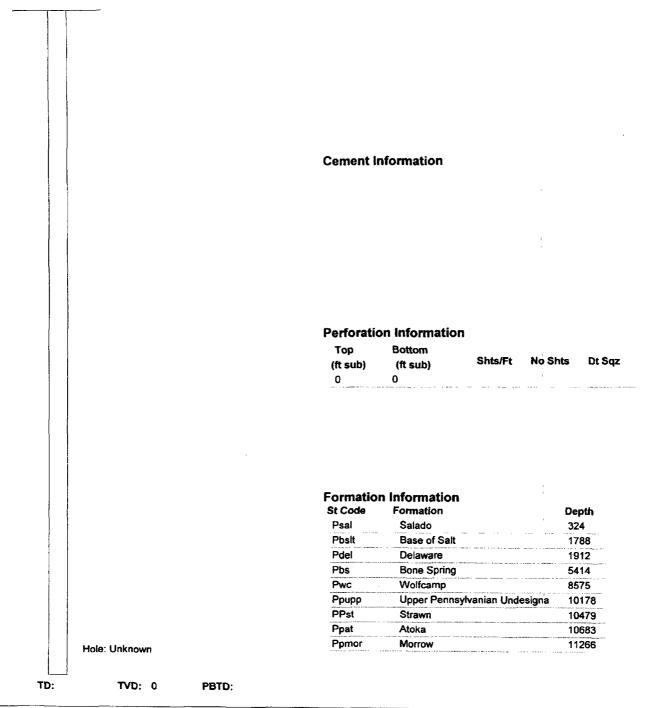
Company Name: GRUY PETROLEUM MANAGEMENT CO.

Location: Sec: 11 T: 25S R: 26E Spot:

Lat: 32.1412152118266 Long: -104.268074544027

Property Name: GRYNBERG 11 FEDERAL COM

County Name: Eddy



Copyright 2001 ALL-LLC

GRYNBERG 11 FEDERAL COM No. 003

<u>District I</u> 1625 N. French D	r., Hobbs,	NM 88240			State of New						Form C-104 Revised June 10, 2003
<u>District II</u> 1301 W. Grand A	venue, Art	esia, NM 882		nergy, I	Minerals & N	vatural Reso	urce	:S			·
<u>District III</u> 1000 Rio Brazos F					l Conservatio				Subn	ut to App	ropriate District Office 5 Copies
District IV 1220 S. St. Franci			505	12	20 South St. 3 Santa Fe, Ni						AMENDED REPORT
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Gruy Petroleu PO Box 14090)7	ement Co.					ŀ	³ Reason for	Filing Cod	le/ Effectiv	ve Date
Irving, TX 75		5 m-	Name					NW - 12-0	_	ol Çode	
⁴ API Number 30 - 025-34			ite City; P	enn (Gas))				10		80
⁷ Property Co	de		operty Nam						? We	l Number	
II. ¹⁰ Su	face Lo		nberg 11 l	rederal C	.om				1 005		
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UL or lot no.	Section			Lot Idn	Feet from the	North/South	ine	Feet from th	e East/V	Vest line	County
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		F	12-3	81-05	<u> </u>						
III. Oil a							1	a			
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		Irving	, TX 7501	4-0907			포마이지 해외하지				
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	4.5								۲	IAR 072	2006
			<u></u>							U-111	
								50. S			
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IV. Proc ¹³ POD	luced V	24 PC			and Description						
²³ POD		²⁴ PC Sar	ne as abov		and Description					<u></u>	
²³ POD	Comple	PO Sar etion Data	ne as abov		and Description	²³ PBTD		²⁹ Perfo	rations		³⁰ DHC, MC
¹³ POD V. Well ²⁵ Spud Da	Complete	²⁴ PC Sar etion Data ²⁴ Read	ne as abov y Date	e	²⁷ TD						³⁰ DHC, MC
¹³ POD V. Well ²⁵ Spud Da 08-24-0	Complete	²⁴ PC Sar etion Data ²⁴ Read	ne as abov y Date	e	²⁷ TD 12275'	²² PBTD 12263' ³³ Deg	th Se	11744' -		→ Saci	³⁰ DHC, MC
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H	Comple ate 5 ole Size	²⁴ PC Sar etion Data ²⁴ Read	y Date 9-05 ³² Casin	e ng & Tubi	²⁷ TD 12275' ng Size	12263' ³³ Der		11744' -		235 sx	ks Cement PremPlus
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H	Comple ate 5	²⁴ PC Sar etion Data ²⁴ Read	y Date 9-05 ³² Casin	e	²⁷ TD 12275' ng Size	12263' ³³ Der	th Se 17'	11744' -	11925'	235 sx cire	ks Cement
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17	Comple ate 5 ole Size	²⁴ PC Sar etion Data ²⁴ Read	ne as abov y Date 9-05 ³² Casin 13-3	e ng & Tubi	²⁷ TD 12275' ng Size I-40	12263' ³³ Der 20		11744' -	11925'	235 sx circ 925 sx In	ks Cement PremPius c 54 sx
²³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12	Comple ate 5 ote Size -1/2"	²⁴ PC Sar etion Data ²⁴ Read	ne as abov y Date 9-05 ³² Casin 13-3 9-5/	e vg & Tubin /8" 48# H /8" 40# J	²⁷ TD 12275' ng Size 1-40 -55	12263' ³³ Deg 20 28	07' 54'	11744' -	- 11925'	235 sx circ 925 sx In circ IntH/SupH	ks Cement PremPlus c 54 sx tC/PremPlus 225 sx /intC/PremH circ 125 sx
²³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12	Comple ate 5 ole Size	²⁴ PC Sar etion Data ²⁴ Read	ne as abov y Date 9-05 ³² Casin 13-3 9-5/	e 19 & Tubin /8" 48# H	²⁷ TD 12275' ng Size 1-40 -55	12263' ³³ Deg 20 28	17'	11744' -	- 11925'	235 sx circ 925 sx In circ IntH/SupH	ts Cement PremPlus c 54 sx tC/PremPlus 225 sx
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¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12 8- VI. Wel	Compleate 5 5 -1/2" -1/4" -3/4"	Petion Data * Read 11-2 Data Data * Gas Del	ne as abov y Date 9-05 ³² Casin 13-3 9-5/ 5-1/2 ivery Date	e g & Tubin /8" 48# H /8" 40# J 2" 17# P- 2-3/8" c 37 '	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date	12263' 33 Deg 20 28 122 110 33 Test I	54' 54' 97'	11744' -	- 11925'	235 sx circ 925 sx In circ IntH/SupH TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx /intC/PremH circ 125 sx C surface ⁴⁰ Csg. Pressure
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¹³ POD V. Well ²⁵ Spud Dz 08-24-0 ³¹ H 17 12 8- VI. Well ³⁵ Date New ⁴¹ Choke S	Complet ate 5 ole Size -1/2" -1/4" -3/4" 1 Test D v Oil	Data	ne as abov y Date 9-05 32 Casin 13-3, 9-5, 5-1/2 ivery Date 1-05 Dil	e kg & Tubin /8" 48# H /8" 40# J 2" 17# P- 2-3/8" c 37 ~ 0	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date 01-26-06 ³ Water	12263' 33 Deg 20 28 122 110 33 Test I	54' 53' 597' eng	11744' -	2140 sx	235 sx circ 925 sx In circ IntH/SupH TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx /intC/PremH circ 125 sx C surface ⁴⁰ Csg. Pressure
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12 8 VI. Wel ³⁵ Date New ⁴¹ Choke S WO	Complet ate 5 ole Size 2-1/2" 2-1/4" 3/4" 1 Test D v Oil	Performance of the providence	ne as abov y Date 9-05 32 Casin 13-3 9-5/ 5-1/2 ivery Date 1-05 Dil	e sg & Tubin /8" 48# H /8" 40# J 2" 17# P- 2-3/8" c 37 * 0 4	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date 01-26-06 ³ Water 0	12263' 33 Der 20 28 122 110 35 Test I	77' 54' 775' 997' eeng	th 39	2140 sx 2140 sx Tbg. Pre 50 4 AOF	235 sx circ 925 sx In circ IntH/SupH/ TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx //intC/PremH circ 125 sx c surface
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12 8- VI. Wel ³⁵ Date New ⁴¹ Choke S wo ⁴¹ Choke S	Compleate ate 5 ole Size -1/2" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/4" -1/2" -1/2" -1/2" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -	Data	ne as abov y Date 9-05 ³² Casin 13-3 9-5/ 5-1/2 ivery Date 1-05 Dil 0 e Oil Conse on given abo	e sg & Tubia /8" 48# H /8" 40# J 2" 17# P- 2-3/8" - - - - - - - - - - - - -	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date 01-26-06 ³ Water	12263' 33 Der 20 28 122 110 38 Test I 24 44 G 8 8	77' 54' 775' 997' eeng	11744' -	2140 sx 2140 sx Tbg. Pre 50 4 AOF	235 sx circ 925 sx In circ IntH/SupH/ TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx //intC/PremH circ 125 sx c surface
¹³ POD V. Well ²⁵ Spud Da 08-24-0 ³¹ H 17 12 8 VI. Wel ³⁵ Date New ⁴¹ Choke S wo ⁴¹ Choke S	Compleate ate 5 ole Size -1/2" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/2" -1/4" -1/2" -1/2" -1/2" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/2" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -	Data	ne as abov y Date 9-05 ³² Casin 13-3 9-5/ 5-1/2 ivery Date 1-05 Dil 0 e Oil Conse on given abo	e sg & Tubia /8" 48# H /8" 40# J 2" 17# P- 2-3/8" - - - - - - - - - - - - -	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date 01-26-06 ³ Water 0 vision have been	12263' 33 Der 20 28 122 110 38 Test I 24 44 G 8 8	77' 54' 775' 997' eeng	th 39	2140 sx 2140 sx Tbg. Pre 50 4 AOF 2 11	235 sx circ 925 sx In circ IntH/SupH/ TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx TatC/PremH circ 125 sx C surface 40 Csg. Pressure 700
¹³ POD V. Well ²⁵ Spud Dx 08-24-0 ³¹ H 17 12 8- VI. Well ³⁵ Date New ⁴¹ Choke S WO ⁴⁷ I hereby cert complied with the best of my Signature:	Complete ate 5 ole Size -1/2" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1/4" -1	Data 24 Gas Del 24 Gas Del 11-2 24 Gas Del 12-3 42 Gas Del 12-3 44 Gas Del 12-3 45 Gas Del	ne as abov y Date 9-05 32 Casin 13-3 9-5/ 5-1/2 ivery Date 1-05 Dil 0 e Oil Conse on given abo	e sg & Tubia /8" 48# H /8" 40# J 2" 17# P- 2-3/8" - - - - - - - - - - - - -	²⁷ TD 12275' ng Size 1-40 -55 -110 Test Date 01-26-06 ³ Water 0 vision have been	12263' 3' Der 20 28 122 110 3' Test I 24 4' G 8 4' G	77' 54' 775' 997' eeng	th 39	2140 sx 2140 sx Tbg. Pre 50 4 AOF 2 11	235 sx circ 925 sx In circ IntH/SupH/ TOO	As Cement PremPlus c 54 sx tC/PremPlus 225 sx //intC/PremH circ 125 sx c surface
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Form C-1048 Permit 26456

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Change of Operator Name

OGRID: 162683 Effective Date: 5/1/2006

Previous Op	erator Name and Information
Name:	GRUY PETROLEUM MANAGEMENT CO.
Address:	PO BOX 140907
Address:	
City, State, Zip:	IRVING , TX 750140907

New Operator Name and Information

Name:	Cimarex Energy Co. of Colorado
Address:	PO Box 140907
Address:	
City, State, Zip:	Irving, TX 75014-0907

I hereby certify that the rules of the Oll Conservation Division have been complied with and that the information given on this form and the certified list of wells is true to the best of my knowledge and belief.

Signature:	ZenoFamis
Printed Name:	Zeno Farris
Title:	Manager Operations Administration
Date:	05-08-06 Phone: 972-443-6489

NMC)CD	Ap	pr	<u>ova</u>	al
Date:	<u>May</u>	15,	200	<u>)6</u>	

http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/C104B/C104BReport.aspx?Per... 5/8/2006

* • CMD : ONGARD 08/18/06 11:56:54 OG6CLOG C105-WELL COMPLETION OR RECOMP CASING LOG OGOEEM -TQ9E OGRID Identifier : 162683 CIMAREX ENERGY CO. OF COLORADO Prop Identifier : 300599 GRYNBERG 11 FEDERAL COM API Well Identifier : 30 15 34193 Well No : 003 Surface Locn - UL : L Sec : 11 Twp : 25S Range : 26E Lot Idn : Multple comp (S/M/C): S TVD Depth (Feet) : 12275 MVD Depth (Feet): 12275 Spud Date : 08-24-2005 P/A Date : Casing/Linear Record: S Size Grade Weight Depth(ft) Depth(ft) Hole Size Cement ---- TOC ----(inches) (lb/ft) Top-Liner Bot-Liner (inches) (Sacks) (feet) Code _

	E0004: No m	natching recor	d found. En	nter data	to create.	
PF01 HE	LP PF02	PF03 E	XIT PF04	GoTo Р	F05	PF06 CONFIRM
PF07	PF08	PF09 C	COMMENT PF10	TLOG P	F11	PF12

• '3' CMD : ONGARD 08/18/06 11:56:58 INQUIRE WELL COMPLETIONS OG6IWCM OGOEEM -TQ9E API Well No : 30 15 34193 Eff Date : 07-01-2005 WC Status : A Pool Idn : 87280 WHITE CITY; PENN (GAS) OGRID Idn : 162683 CIMAREX ENERGY CO. OF COLORADO Prop Idn : 300599 GRYNBERG 11 FEDERAL COM Well No : 003 GL Elevation: 3328 U/L Sec Township Range North/South East/West Prop/Act(P/A) ____ ___ ______ _____ _____ B.H. Locn : L 11 25S 26E FTG 1500 F S FTG 1300 F W P Lot Identifier: Dedicated Acre: 640.00 Lease Type : F Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scrollPF01 HELPPF02PF03 EXITPF04 GoToPF05PF06PF07PF08PF09PF10 NEXT-WCPF11 HISTORYPF12 NXTREC

CMD : OG6ACRE	(ONGAF C102-DEDICA	RD ATE ACREAGE		08/18/06 11:57:03 OGOEEM -TQ9E Page No : 1
API Well No : Pool Idn : Prop Idn : Spacing Unit : Sect/Twp/Rng : Dedicated Land:	87280 WHITE 300599 GRYN 28621 OCD 11 25S 26E	CITY;PENN BERG 11 FEI Order :	(GAS) DERAL COM	Simultane	Well No : 003 ous Dedication:
	S Base U/	L Sec Twp	Rng Acreage	L/W Own	ership Lot Idn
			26E 40.00		
	В		26E 40.00		
	С		26E 40.00		
	D		26E 40.00		
	E		26E 40.00		
	F G		26E 40.00		
	H		26E 40.00		
	п		26E 40.00 26E 40.00		
F0005. F	±		PF keys to s		rυ
		—	PF04 GoTo		PF06 CONFIRM
			PF10 LAND		

CMD : OG6ACRE		ONGAN C102-DEDICA	RD ATE ACREAGE	08/18/06 11:57:06 OGOEEM -TQ9E Page No : 2
API Well No Pool Idn Prop Idn Spacing Unit Sect/Twp/Rng Dedicated Land	: 87280 WH : 300599 G : 28621 C : 11 255 2	ITE CITY;PENN RYNBERG 11 FE CD Order :	(GAS) DERAL COM	-
	S Base	U/L Sec Twp	Rng Acreage	L/W Ownership Lot Idn
		J 11 25S	26E 40.00	N FD
		K 11 25S	26E 40.00	N FD
			26E 40.00	N FD
			26E 40.00	N FD
			26E 40.00	
			26E 40.00	
		P 11 25S	26E 40.00	N FD
		PF03 EXIT		PF05 PF06 CONFIRM
PF07 BKWD P	F08 FWD	PF09	PF10 LAND	PF11 NXTSEC PF12 RECONF

CMD: OG6IPRD INQUIRE OGRID Identifier : 162683 CIMA Pool Identifier : 87280 WHITE API Well No : 30 15 3419	CITY; PENN (GAS)	Page No: 1 ORADO
API Well No Property Name	MM/YY Prod	Gas Oil Water Stat
30 15 34193 GRYNBERG 11 FEDEF 30 15 34193 GRYNBERG 11 FEDEF 30 15 34193 GRYNBERG 11 FEDEF	AL 05 06 29	155 F
Reporting Period Tota		931
		PF05 PF06 CONFIRM PF11 NXTOGD PF12