District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

RECEIVEL

Form C-101 March 4, 2004

Submit to appropriate District Office APR 0 6 2005 State Lease - 6 Copies

Fee Lease - 5 Copies

OULARTERIN

☐ AMENDED REPORT

			APPLICATION	FOR PER	AIT TO DRILL. R	E-ENTER.	DEEPEN.	PLUGBAC	K, OR ADD A ZONE			
			Operator Name NADEL AND GUSSMA	end Address NPERMIAN	LLLC				155615	OGRID 1		
			601 N. MARIENFE MIDLAND, TE	D, SUITE 5	Ó8				30-015- 3	4 8 6		
Proper	ty Code				Property CARRINGTO	Name ON STATE					Well:	No.
						e Location						
UL or lot no.	Section	Townsh	nip Rænge	Lot1	dn Feet i	rom the	North/S	outh line	Feet from the	East/West	line	County
ĸ	12	17 - S	- 1	<u> </u>	1,	450*	so	UTH	1,600°	WEST		EDDY
				*Propos	ed Bottom Hole Loc	ation If Diffe	rent From	Surface				
UL or lot no.	Section	Townsh	nip Range	Lot	idn Feet1	irom the	North/S	outh line	Feet from the	East/West	line	County
		L	9 Proposed Pool 1						10 Propo	sed Pool 2		
		E	MPIRE SOUTH (MORRO		Drilling Pit Location	and Other in	nformation					
UL or lot no.	Section	Townsi	hip Range	Lot		from the		South line	Feet from the	East/West	line	County
K	12	17-8				.450°	1	UTH	1,600'	WEST		EDDY
Depth to ground w	rater	<u> </u>			from nearest fresh wa HAN 1000'	ater well			Distance from nearest su MORE THAN 1000'	rface water		
¹¹ Work 7	Type Code		12 Well Type Coo	le	13 Cal	ole/Rotary		<u> </u>	• ··		15 Groun	d Level Elevation
1	N		G		RO	TARY			S .		3,616'	
	ıltiple		¹⁷ Proposed Dept 10,700'	h		ormation RROW			19 Contractor 20 Spud Date NABORS +/- 05/15/05			
					21 Proposed Casing		Program	<u> </u>				
			a : s:						6 1 66	T		T ITOG
Hole Si		<u> </u>	Casing Size	Casing weight/foot		 	Setting D		Sacks of Cem	ent		Estimated TOC
17-1/2			13-3/8"	40#		-	70	. 250				RC. TO SURFACE
12-1/4° 8-3/4°			9-5/8" 5-1/2"	17#		2,500	•	1200 SX 1000 SX		CI	RC. TO SURFACE TOC +/-2,500°	
1						1		1			100 11 2000	
	*											-
22 Describe t	he proposed	program.	If this application is to D	EEPEN or I	LUG BACK, give	the data on	the presen	at productive	zone and proposed new	productive	zone. De	scribe the blowout
•		•	additional sheets if neces		TTD TTD OF 14 TO	.,						
			THE MORROW WITH. S CONTINGENCY LET			.						
						ì						
23 I hereby certify	y that the info	ormation g	given above is true and co	mplete to th	e best of my	11						
knowledge and b	elief. I furth	er certify a general	that the drilling pit wi permit , or an (attac	l be constru	ected according	120	•		OIL CONSERVATIO	ON DIVISIO	N	
approved plan	Ö.	a Reserve	permit (2), or an (etta	ncu) aucre	But OCD-	Approv	ed hv				_	
						144201	oy.					
Signature:	11 7.	~~										
<u> </u>						1				_TIM	W. (gum
Printed name: JOSH FERNAU				Title:			DIST	RICT :	II SU	PERVISOR		
Title: STAFF ENGINEER				Approv	al Date:	APR 1	7 2005	piration Date		R 1 7 2006		
E-mail Address:	joshf@	nagu	ss.com									
Date: 04/04/05			Phone: (432) 68	2-4429		Conditio	ns of Appr	oval:				
	···					Attached	1 🗆	C	Derater	To '	تعد	Surface

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe office

Form C-144

March 12, 2004

Pit or Below-Grade Tank Registration or Closure

	elow-grade tank Closure of a pit or below-grade t				
Operator: NADEL AND GUSSMAN PERMIANTelep		_joshf@naguss.com			
Address: 601 N. Marienfeld, Suite 508 Midland, TX 79701					
County: Eddy Latitude: N32* 50' 49.2" Longitude: W104*08'00.4	4" NAD: 1927 1983 Surface Owner Federal	State K Private L Indian L			
Pit	Below-grade tank				
Type: Drilling 🛭 Production 🗌 Disposal 🗍	Volume:bbl Type of fluid:	PECEIVE:			
Workover Emergency	Construction material:	HEGEIVED			
Lined 🛭 Unlined 🗌	Double-walled, with leak detection? Yes 🔲 If not,	explain why not. APR 0 6 2005			
Liner type: Synthetic 🔯 Thickness 12 mil Clay 🔲		UUUNATERIA			
Volume 20,000_bbl					
Depth to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points)			
	50 feet or more, but less than 100 feet	(10 points) 0			
water elevation of ground water.)	100 feet or more	(0 points)			
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)			
water source, or less than 1000 feet from all other water sources.)	No	(0 points) 0			
water source, or rest time 1000 feet from all outer water sources.)					
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)			
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points) 0			
	1000 feet or more	(0 points)			
!	Ranking Score (Total Points)	0			
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite					
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan. Date: 04/04/05					
Printed Name/Title Josh Fernau , Staff Engineer Signature Land Technology					
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Approval: APR 13 2005 Date: Signature Signature					

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 811 South First, Artesia, NM 88210

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

East/West line

County

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

UL or lot No.

Dedicated Acres

320

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

Section

Joint or Infill

Township

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API	API Number			Pool Code	Code Pool Name					
Property Code			Property Name				Well Number			
				CA	ARRINGTON	STATE		1		
OGRID N	OGRID No.			Operator Name					Elevation	
			NADEL AND GUSSMAN PERMIAN				361	6'		
					Surface Lo	cation				
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	Count	
K	12	17 S	28 E		1450	SOUTH	1600	WEST	EDDY	
	<u> </u>		Bottom	Hole Loc	ation If Di	ferent From Sur	face	-		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Feet from the

Order No.

North/South line

Feet from the

Lot ldn

Range

Consolidation Code

		¬
 		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	APRI 0 6 2005	Jul Fernan Signature
 		Josh Fornau Printed Name Staff Engineer Title 64/04/05 Date
	/ /	SURVEYOR CERTIFICATION
Lat.: N32°50'49.2" Long.: W104°08'00.4"		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
1600'		FEBRUARY 2, 2005 Date Surveyed, JOAN Signeture & Seal OFT Professional Surveyor
1450'-		Certificate No Gorry Cones 7977
	Long.: W104°08'00.4"	APR 0 6 2005 OUL METTERS Lat.: N32*50'49.2" Long.: W104*08'00.4"

NADEL AND GUSSMAN PERMIAN, L.L.C. 601 N. Marienfeld, Suite 508 Midland, TX 79701 (432) 682-4429 (Office) (432) 682-4325 (Fax)

04/04/05

Mr. Bryan Arrant
District 2 Geologist
New Mexico Oil and Gas Division
1301 West Grand Avenue
Artesia, NM 88210

Re: Carrington State #1 1,450' FSL, 1,600' FEL UL K, Sec. 12-T17S-R28E Eddy, NM Rule 118 H2S Exposure

Dear Mr. Arrant,

The closest home to our location is +/-2,000'. The contact number for that home is Lewis Derrick (505) 365-6927. Nadel and Gussman Permian have evaluated this well and we do not expect to encounter hydrogen sulfide. However, we will employ a third party monitoring system. We will begin monitoring prior to drilling out the intermediate casing and will continue monitoring the remainder of the well.

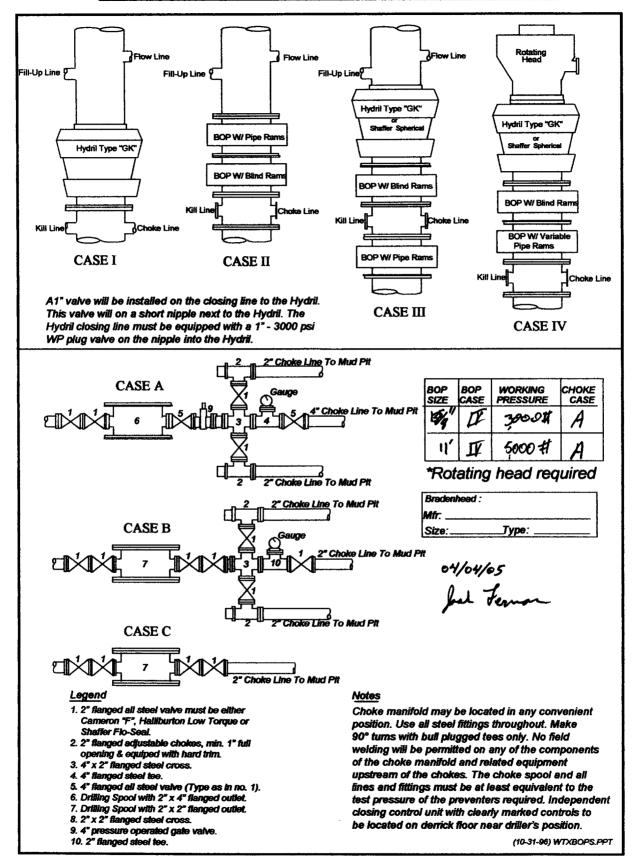
Please contact me if you have any additional questions.

Sincerely,

H. Ferrar

Josh Fernau Staff Engineer

Nadel and Gussman Permian Carrington State# 1 MINIMUM BLOWOUT PREVENTER REQUIREMENTS





February 28, 2005

Mr. Josh Fernau Nadel & Gussman, LLC 601 N. Marienfield St., Suite 508 Midland. Texas 79701

Dear Mr. Fernau.

The enclosed Suggested Drilling Fluids Program is based on data obtained from the Operator and our experience in the area for your upcoming Carrington State #1 well, to be drilled to 10,600'. The prospect is located in Section 12, Township 17S, Range 28E of Eddy County, New Mexico.

We suggest the well surface hole be drilled with F. Water Gel Mud, the intermediate hole will be drilled with Brine/Sweeps, the intermediate interval will be drilled with Cut Brine Water All ZAN - PAC Polymer System,

Wells drilled in this area have experienced numerous problems such as lost circulation, Salt-Anhydrite stringers, deviation, swelling formations, sloughing shale, CO2 gas, formation damage and abnormal pressures.

Without a significant amount of the above problems we believe the well can be drilled in 25 days for an estimated mud cost of Material will be delivered by LDI (Lone Star Distribution, Inc.) which is located in Midland, Texas and Hobbs, New Mexico.

Before selecting your Drilling Fluids Vendor we hope you will consider the following:

- 1. Our proposed Mud Engineers: Charlie Branch & JT Gilkey. Experience see résumé's
- 2. ADF's Drilling Fluid Proposal and our Technical Support Patterson, Kaiser
- 3. Our experience on over 70 deep wells using a Weighted Xanthan Polymer Mud
- 4. Quality products at a fair market price, delivered by LDI Distribution
- 5. Our dedication, innovation, and flexibility in helping Operators reduce total well cost

The proposed Mud Engineers are Charlie Branch and JT Gilkey depending on availability, each Engineer has recent Mentone deep hole experience with a Weighted Polymer Mud System their resumes are included.

Should you have any questions regarding this proposal, please contact Shawn Savage at 432-556-8008 or Wayne Patterson at 432-770-9792.

Our goal is to help you drill the proposed well safely and economically while minimizing formation damage to all potential producing zones.

Sincerely.

Wayne Patterson



Carrington State #1

Eddy County, New Mexico

Estimated Well Geologic Formation Tops Potential Geological Hazards

		Forcerial Conjugated Factories
Yates	± 476°	Anhydrite, Wash Outs, Ledges, Corrosion
Queen	± 1,218°	Wash Outs, Ledges, Deviation Problems
Grayburg	± 1,572'	Seepage
San Andres	± 2,072'	Seepage, Depleted Zones
Tubb	± 4,824'	Scepage
Abo	± 6,016°	Swelling, Tight Hole, Stuck Pipe, Raise Chlorides to 75K
Welfcamp	± 6,716°	Seepage, Wash Outs, Gas
Cisco	± 7,682°	Seepage
Strawn	± 8,912'	Gas, Water Sensitive
Atoka	± 9,513'	Hydratable, Sloughing, Pressure Hole Stability
Morrow	± 9,628'	Gas, Formation Damage, Seepage
Morrow L	± 9,828°	Gas, Formation Damage, Seepage
Missipian	± 10,104°	Gas, Formation Damage, Seepage
Estimated TD	± 10,600°	

* The following suggested drilling fluid program is based on data supplied by the operator and our experience and offset data in the area.

"Drilling hazards may result due to near pressure transition or regression intervals near casing points; also some interval may be missing due to faulting."



Carrington State #1

Eddy County, New Mexico

Hole Size and Casing Program

Set 13 3/8" Casing	Drill 17 1/2" Hole	0 - 400'
Set 9 5/8" Casing	Drill 12 1/4" Hole	400' — 2,400'
Set 5 1/2" Casing	Drill 8 3/4" Hole	2,400' — 10,600'

Suggested Drilling Fluid Properties						
Deph Feat	Mud Wi :PPG	Viscosity Sections:	N. Point anors	Fluid Loss oc	Water Phase Salinity	Paraliers Mad Typie
0 - 400'	8.5 - 9.5	35 - 45	7 - 15	NC	Fresh Water	GEL, Gel Ex Lime, Paper
400' - 2,400'	10.0	28 - 32	0-2	N/C	Brine	Poly Plus Paper Sweeps Lime
2,400' - 8,900'	8.8 - 9.2	28 - 30	0 - 2	N/C	Cut Brine	Poly Plus Drill Paper Lime, LCM
8,900 - 10,600'	9.2 – 10.0	36 - 48	10 - 20	6-8	Cut Brine	ALL ZAN – PA ALL SHALE HI

The above suggested properties should be modified as needed to maintain a stable Well Bore and to control abnormal pressure while drilling and tripping.



Carrington State #1

Eddy County, New Mexico

Interval 0' - 400' Drill 17 1/2" Hole and Set 13 3/8" Casing @ 400'

Suggested Drilling Fluid Properties					
			<u> </u>		
Interval Depth (feet) (MD/TVD)	Mud Weight (lb / Gal)	Viscosity (sec / 1000 cc)	Plastic Viscosity (cps)	Yield Point (lb / 100 ft ²⁾	
0' - 400'	8.5 - 9.2	35 - 45	5-8	7 - 15	
рН	Drill Solids (% by volume)	Chloride (ppm)	Water Phase	Total Hardness (mg/L)	
9.5	<4	<6,000	Fresh	<200	
Potential Problems: Hole cleaning, Lost Circulation, Deviation, and Solids Control					

Suggested Drilling Fluid Maintenance Gel Spud Mud

To build Fresh Water spud mud, add SODA ASH to reduce hardness below 200 PPM. Add Fresh Water Gel 15:1 ratio and Gel Ex slowly to working system to build a 35 - 45 second viscosity and maintain a Yield Point of 7-15 for hole cleaning. Run solids control equipment to control solids. Monitor shaker screen and screen up as needed to control solids without flooding the shaker. Add Drilling Paper to control seepage and aid in hole cleaning. Add Lime to provide pH for corrosion control and to help flocculate drill solids.

Note: <u>Circulation losses may be encountered while drilling surface hole</u>. Should total losses be encountered, add up to 20 #bbi LCM (**Drilling Paper**, **Fiber-Seal**, **All Seal**, and **Fiber Plug**) to a 100 bbl pill and spot opposite the thief zone, if unsuccessful "dry drill" using sweeps to keep hole clean until casing point.

Corrosion Control: Slug the drill pipe every 4 hours with 2 ½ gallons of All Hib FA 30 and 2 ½ gallons of diesel, also slug drill pipe before and after trips with same 5 gallon mixture

Est. Interval Time: 3 days Est. Interval Cost



Carrington State #1

Eddy County, New Mexico

Interval 400' - 2,400' Drill 12 1/4" Hole and Set 9 5/8" Casing @ 2,400'

Suggested Drilling Fluid Properties				
Interval Depth (feet) (MD/TVD)	Mud Weight (lb / Gal)	Viscosity (sec / 1000 cc)	Plastic Viscosity (cps)	Yield Point (lb / 100 ft ²⁾
400' - 2,400'	10.0	28 - 32	0 - 2	0 - 2
рН	Drill Solids (% by volume)	Chloride (ppm)	Water Phase	Fluid loss (mi/30min)
9.5 - 10.0	<1	<180,000	Brine	NC
Potential Problems: Hole cleaning, Seepage, Salt ringers, Deviation, Corrosion				

Suggested Drilling Fluid Maintenance Sweeps and Paper

Drill out from under surface with Fresh Water and then change over to BRINE to minimize washing out Salts and Anhydrite formations. Add 3 sacks of LIME to 1 sack of CAUSTIC SODA to maintain a 9.5 - 10.0 pH for corrosion control and to help flocculate drill solids. Poly Plus (Liquid PHPA) should be added (2 - 3 GALS / 100') at the pump suction to aid in hole cleaning and to flock drill solids to keep the drill water clean. Pump Drilling Paper "sweeps" every 100' or as needed to control seepage and to aid in hole cleaning.

Note: <u>Circulation losses may be encountered while drilling intermediate hole.</u> Should total loss be encountered, add up to 20 #bbl LCM (**Drilling Paper**, **Fiber-Seal**, **All Seal**, and **Fiber Plug**) to a 100 bbl pill and spot opposite the thief zone.

Corrosion Control: Maintain a 10 pH and slug the drill pipe every 4 hours with 2 ½ gallons of All HIB FA 30 and 2 ½ gallons of diesel, also slug drill pipe before and after trips with same 5 gallon mixture. Add 10 gallons per day of ALL HIB 370 to minimize effects of oxygen. Install coupon in Kelly saver sub and remove and analyze after 100 hrs.

Est. Interval Time: 4 days

Est. Interval Cost:



Carrington State #1

Eddy County, New Mexico

Interval 2,400' - 8,900' Drill 8 3/4" Mud up by Top of Strawn

Suggested Drilling Fluid Properties					
Interval Depth (feet) (MD/TVD)	Mud Weight (lb / Gal)	Viscosity (sec / 1000 cc)	Plastic Viscosity (cps)	Yield Point (lb / 100 ft ²⁾	
2,400' 8,900'	8.8 - 9.2	28 - 30	0 - 1	0 - 2	
pH Drill Solids (% by volume) Chloride (ppm) Water Phase (mi/30min)					
9.5 10.0	<1	<100,000	Cut Brine	NC	
Potential Problems: Lost Circulation, Deviation, Hole cleaning, Pressure, H2S Gas, Corrosion					

Suggested Drilling Fluid Maintenance Sweeps and Paper

Drill out with Cut Brine circulating through the reserve pit. Dump as much cernent contaminated mud as possible in reserve pit. Add 3:1 ratio LIME-CAUSTIC SODA in this interval to maintain a pH of 9.5 – 10.0 or higher for corrosion control and for acid gas control. Poly Plus (PHPA flocculant) functions in fresh or brine water, it is absorbed on shale and clays to provide hole stability and will flock drill solids to keep drill water ultra clean. Poly Plus should be added (2 – 3 gals / 100') through the chemical tank on the pump suction to provide sweeps and help keep the reserve water clean and free of drilled solids. Drilling Paper and Poly Plus "sweeps" are recommended every 100' for as needed for hole cleaning and to minimize seepage.

Prior to drilling the **ABO Formation** (water sensitive) at 6,000', to provide inhibition add Brine to increase the Chlorides to 70K ppm. Also adding 2 – 3 drums of **SURFAK** S surfactant will minimize ABO swelling, tight hole, and will improve drill rates

Note: <u>Circulation losses may be encountered while drilling this section</u>. Should total loss be encountered, add up to 20 #bbl LCM (**Drilling Paper**, **Fiber-Seal**, **ALL SEAL**, and **ALL CASE**) to a 100 bbl pill and spot opposite the thief zone

Corrosion Control: Maintain a 10 pH and slug the drill pipe every 4 hours with 2 ½ gallons of All Hib FA 30 and 2 ½ gallons of diesel, also slug drill pipe before and after trips with same 5 gallon mixture. Add 5 gallons per day of ALL HIB 370 to minimize effects of oxygen. Install coupon in Kelly saver sub, remove and analyze after 100 hrs. Have All H2S 320 on location and to control H2s Gas.

Est. Interval Time: 10 days

Est. Interval Cost:



Carrington State #1

Eddy County, New Mexico

Interval 8,900' - 10,600' Drill 8 3/4" Hole and Set 5" Casing @ 10,600'

Suggested Drilling Fluid Properties						
Interval Depth (feet) (MD/TVD)	Mud Weight (lb / Gal)	Viscosity (sec / 1000 cc)	Plastic Viscosity (cps)	Yield Point (lb / 100 ft ²⁾		
8,900'-10,600'	9.2 – 10.0	36 - 48	8 - 16	10 - 20		
		<u></u>				
рН	Drill Solids (% by volume)	Chloride (ppm)	Water Phase	Fluid loss (ml/30min)		
9.5	<4	<180,000	Cut Brine	5 - 8		
Potential Problems: Pressure, formation damage, corrosion, hole stability, seepage						

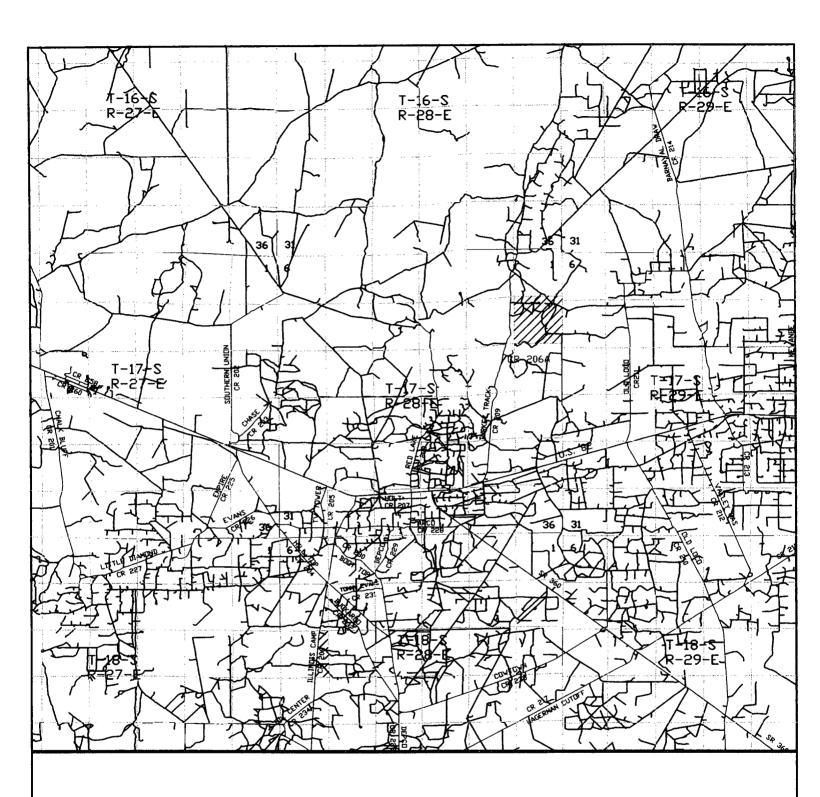
Suggested Drilling Fluid Maintenance ALL ZAN POLYMER System

MUD UP BY TOP OF THE STRAWN AT 8,900' by adding SODA ASH to reduce hardness below 200ppm, then add 1 #bbl of ALL ZAN Polymer and ½ #bbl ALL PAC Polymer to build a 40 Viscosity, 12 Yield Point, and to control the Fluid Loss below 8cc. To minimize surge and swab pressures maintain the Yield Point below 16. Run Surge and Swab program to determine trip rate and pay attention to the ECD which should be maintained at a maximum of .4#Gal over the mud weight. This will minimize excessive pressure and losses in potential permeable producing zones. For seepage or losses mix only Acid Soluble Lost Circulation Materials such as Ca. Carbonate and All Zone Seal to minimize formation damage. Run solids control equipment and Fine Mesh Shaker Screens (210) or as fine as possible without creating shaker flooding. Add Soda Ash and Caustic Soda to maintain a 9.5 pH to minimize corrosion and IDB 60 Biocide to prevent bacterial growth. To increase the mud weight add 10 pound Brine to adjust the mud weight to provide a safe overbalance and stable hole conditions. Keep the hole full at all times.

Corrosion Control: Maintain a 9.0 pH and slug the drill pipe every 4 hours with 2 ½ gallons of All Hib FA 30 and 2 ½ gallons of diesel, also slug drill pipe before and after trips with same 5 gallon mixture. Install coupon in Kelly saver sub and remove and analyze after 100 hrs. Have All H2S 320 on location to treat H2S Gas

Est. Interval Time: 8 days

Est. Interval Cost:



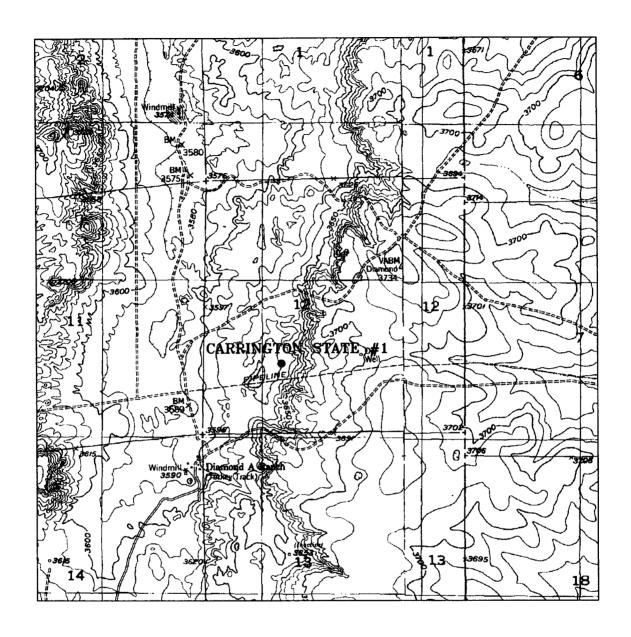
CARRINGTON STATE #1
Located at 1450' FSL and 1600' FWL
Section 12, Township 17 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 — Office (505) 392-3074 — Fax basinsurveys.com

W.O. Number:	5168AA - KJG #1
Survey Date:	03-02-2005
Scale: 1" = 2	miles
Date: 03-03-	-2005

NADEL AND GUSSMAN PERMIAN, L.L.C.



CARRINGTON STATE #1 Located at 1450' FSL and 1600' FWL Section 12, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.

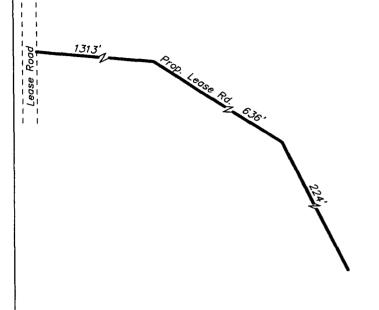
Date: 03-03-2005



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com

W.O. Number:	5168AA - KJG #1
Survey Date:	03-02-2005
Scale: 1" = 2000'	

NADEL AND GUSSMAN PERMIAN, L.L.C. SECTION 12, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY.



150' NORTH OFF_SET 3615.4' □

NADEL & GUSSMAN PERMIAN CARRINGTON STATE #1 ELEV. - 3616'

> N32°50'49.2" LAT. LONG. W104°08'00.4"

□ 150' EAST OFF SET 3623.6

150' WEST OFF SET 3608.8'

150' SOUTH

OFF SET 3612.3 □

Directions to Location:

FROM LOCO HILLS, GO WEST ON US HWY 82 FOR 9.3 MILES TO CO. RD. 209; THENCE NORTH CO. RD. 209 FOR 3.3 MILES TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

Drawn By: K. GOAD W.O. Number: 5168 Date: 03-03-2005_ Disk: KJG #9 - 5168A.DWG

100 200 FEET 100 Ω SCALE: 1" = 100'

NADEL AND GUSSMAN PERMIAN

CARRINGTON STATE No. 1 / Well Pad Topo

CARRINGTON STATE No. 1 LOCATED 1450' FROM THE SOUTH LINE AND 1600' FROM THE WEST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Sheets Sheet of Survey Date: 03-02-2005 1

