

OCD-HOBBS RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 03 2008

APPLICATION FOR PERMIT TO DRILL OR REENTER

HOBBS OCD

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC-032096-B	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name -----	
2. Name of Operator APACHE CORPORATION (LANA WILLIAMS 918-491-4980) <873>		7. If Unit or CA Agreement, Name and No. -----	
3a. Address 6120 SOUTH YALE SUITE 1500 TULSA, OKLAHOMA 74136-4224		8. Lease Name and Well No. <37201> LOCKHART "B-35" # 9	
3b. Phone No. (include area code) 918-491-4980		9. API Well No. 3D-025-39037	
4. Location of Well (Report location clearly and in accordance with any State requirements*) Unit A At surface 330' FNL & 330' FEL SECTION 35 T21S-R37E At proposed prod. zone SAME		10. Field and Pool, or Exploratory EUNICE BLINBRY TUB DRINK-NORTH	
14. Distance in miles and direction from nearest town or post office* Approximately 1 mile Northeast of Eunice New Mexico		11. Sec., T. R. M. or Blk. and Survey or Area SECTION 35 T21S-R37E	
15. Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig. unit line, if any) 330'	16. No. of acres in lease 1920	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1250'±	19. Proposed Depth 6850'	20. BLM/BIA Bond No. on file BLM-CO-1463 NATION WIDE	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3368' GL	22. Approximate date work will start* WHEN APPROVED	23. Estimated duration 28 Days	
24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Joe T. Janica</i>	Name (Printed/Typed) Joe T. Janica	Date 03/05/08
Title Permit Engineer		
Approved by (Signature) /s/ Don Peterson	Name (Printed/Typed) /s/ Don Peterson	Date JUN 03 2008
Title FOR FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

CAPTAN CONTROLLED WATER BASIN

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED**

SURFACE DAMAGE RELEASE

STATE OF NEW MEXICO §

COUNTY OF LEA §

KNOW ALL MEN BY THESE PRESENTS:

THAT, Mr. WILLIAM STEPHENS whose address is P.O. Box 115 Eunice, NM 88231, (hereinafter referred to as "OWNER"), is the current surface owner of the privately owned lands herein described below which are located in the Eunice Area in Lea County, New Mexico. For and in consideration of the sum of \$ [REDACTED] for the Subject Well described below, to be paid by Apache Corporation of 6120 Yale St. # Two Warren Place, Suite 1500, Tulsa Ok. 74136 (hereinafter referred to as "OPERATOR"), the receipt and sufficiency of which are hereby acknowledged, LESSEE does hereby RELEASE and DISCHARGE OPERATOR, its employees, agents, contractors, successors and assigns, from any and all claims, demands and causes of action for detriment, injuries, damages and losses of whatsoever nature that have been caused or will be caused to the surface of the Subject Property (provided that such future damages are of a typical nature caused by normal operations of the Subject Well) in any way arising from, incident to or in connection with the drilling or operation of the following well (hereinafter called "Subject Well").

Lockhart B-35 # 9
330' FNL & 330' FEL
Section 35-T21S-R37E
Lea County New Mexico

The above well is located in the N/E 1/4 of Section 35-T21S-R37E, Lea County, New Mexico.

In addition to the above listed damage payments Operator agrees to pay [REDACTED] for building 330 feet (20 rods @ [REDACTED] per rod) of new access road to the above described wells.

This Release is intended to cover all disruption of ranch operations due to surface disruption, including but not limited to, all crops, timber and grass damaged or destroyed in connection with the above described activities.

OPERATOR shall conduct all operations in a good and workman like manner and shall use all precautions to prevent any damages to said land over and above the damages contemplated herein. OPERATOR agrees to restore the surface as close as reasonably possible to its condition prior to commencement of drilling operations.

LESSEE agrees to account to any other party (including the surface tenant) who may be entitled to receive any portion of the aforementioned sum, and to indemnify and hold harmless OPERATOR, its successors and assigns from any claim by any other party for damages to the above described lands and improvements, crops or other things situated thereon. LESSEE agrees to keep all of the terms and conditions of this damage settlement confidential.

OWNER, FOR ITSELF, ITS SUCCESSORS, ASSIGNS, EMPLOYEES, AGENTS, PRINCIPLES, SERVANTS, HEIRS, EXECUTORS, PERSONAL REPRESENTATIVES AND ADMINISTRATORS, HEREBY RELEASES AND FOREVER DISCHARGES APACHE AND ALL WORKING INTEREST OWNERS AND THEIR RESPECTIVE PARENT CORPORATIONS, SUBSIDIARY CORPORATIONS, ASSOCIATED AND AFFILIATED CORPORATIONS AND/OR ENTITIES, AND ALL OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, PRINCIPALS, SERVANTS, SUCCESSORS, ASSIGNS, HEIRS, ATTORNEYS, EXECUTORS AND ADMINISTRATORS FROM EVERY CLAIM, DAMAGE, ATTORNEYS FEES, EXPENSES, COSTS, DEMANDS, RIGHTS, AND/OR CAUSE OF ACTION OF ANY KIND FOR SURFACE DAMAGES

This agreement shall be binding upon the parties hereto and their respective heirs, successors and assigns.

AGREED TO AND ACCEPTED this 20 day of March, 2008

APACHE CORPORATION

By: Harold S. Smith

William Stephens

William Stephens

SS # 525-76-0402

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1201 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-39037	Pool Code 06660 22900 19190	Pool Name BLINEBRY TUBB DRINKARD-NORTH
Property Code 37201	Property Name LOCKHART B-35	Well Number 9
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3368'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	21 S	37 E		330	NORTH	330	EAST	LEA

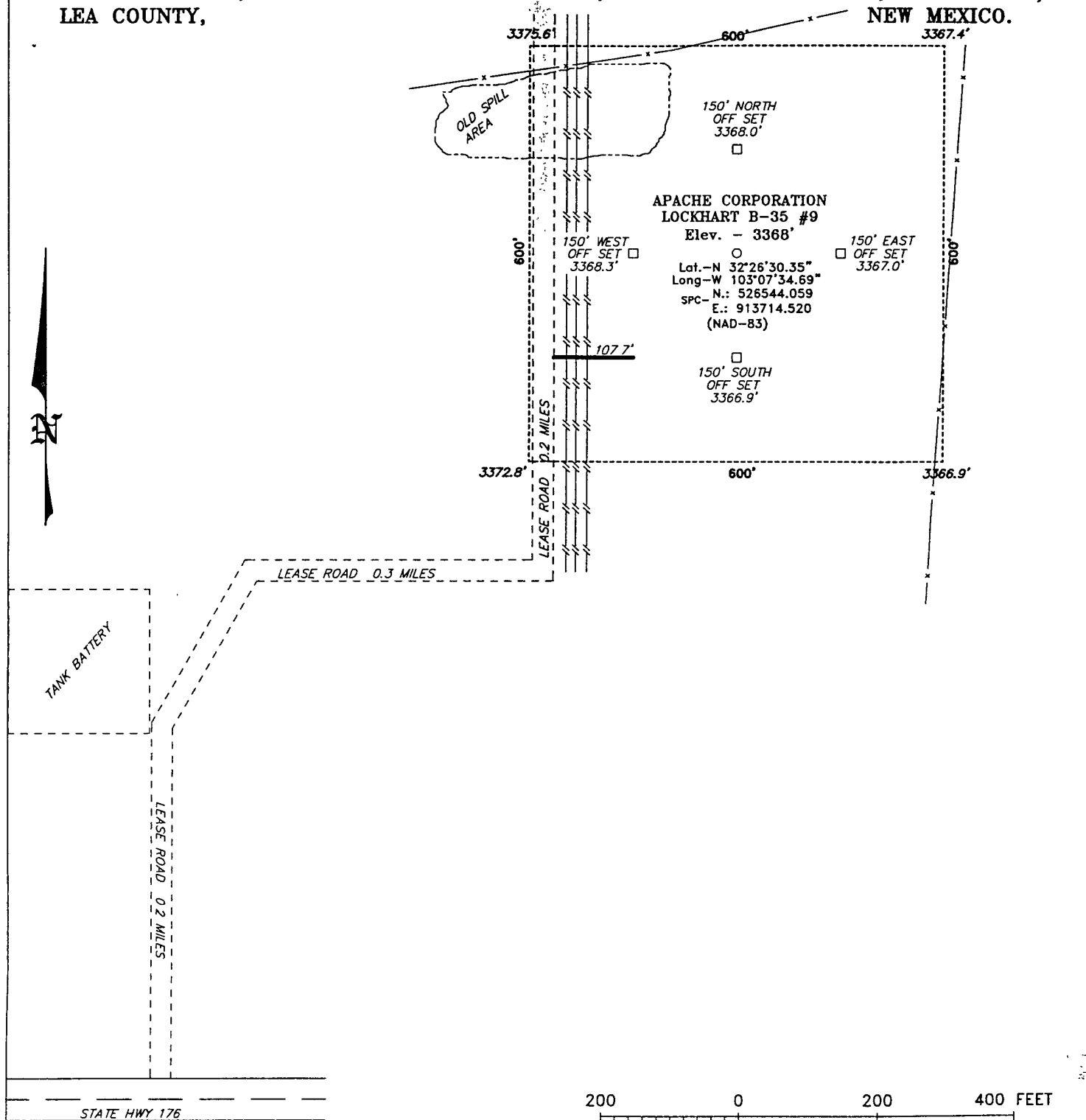
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>Lat - N32°26'30.35"</p> <p>Long - W103°07'34.69"</p> <p>SPC- N.: 526544.059</p> <p>E.: 913714.520</p> <p>(NAD-83)</p> <p>LC-032096-B</p>	<p>3375.6' 3367.4'</p> <p>330'</p> <p>3372.8' 3366.0'</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Joe T. Janica</i></p> <p>Signature Date 03/05/08</p> <p>Joe T. Janica Printed Name</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision and that the same is true and correct to the best of my belief.</p> <p>GARY L. JONES</p> <p>JANUARY 8, 2008</p> <p>Date Surveyed</p> <p>Signature & Seal of 1977 Professional Surveyor</p> <p>GARY L. JONES</p> <p>W.O. No. 19087</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>		

SECTION 35, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Directions to Location:

FROM MILE MARKER 37 ON STATE HWY 176 EAST OF EUNICE, GO WEST 0.3 MILES TO LEASE ROAD, ON LEASE ROAD GO NORTH 0.2 MILES AROUND TANK SITE 0.1 MILES, THENCE EAST 0.3 MILES TO LEASE ROAD, THENCE NORTH ON LEASE ROAD 0.2 MILES TO PROPOSED LEASE ROAD.

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

W.O. Number: 19007

Drawn By: J. M. SMALL

Date: 01-10-2008

Disk: 19007W JMS

APACHE CORPORATION

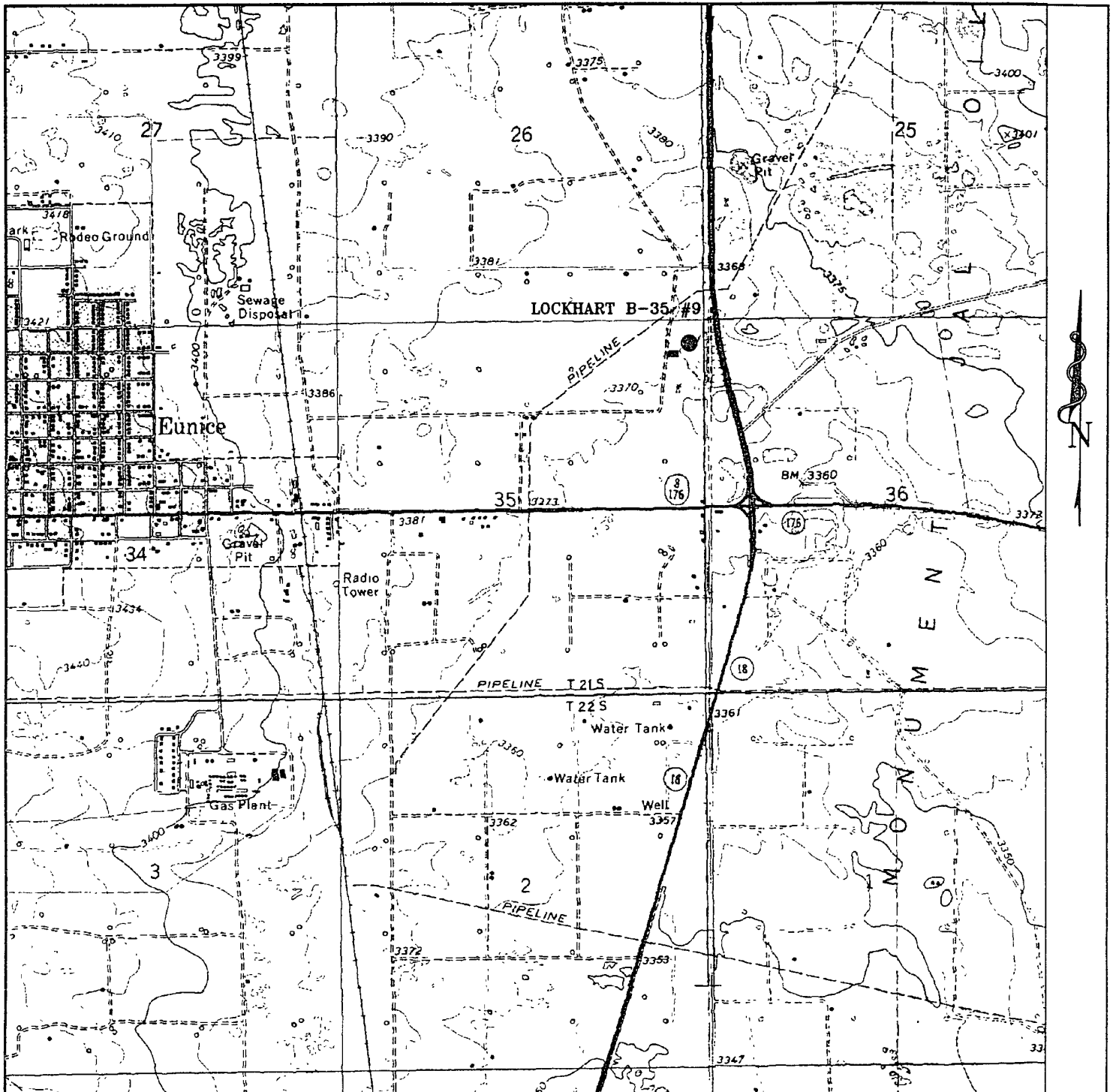
REF: LOCKHART B-35 #9 / WELL PAD TOPO

THE LOCKHART B-35 #9 LOCATED 330'

FROM THE NORTH LINE AND 330' FROM THE EAST LINE OF
SECTION 35, TOWNSHIP 21 SOUTH, RANGE 37 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 01-08-2008

Sheet 1 of 1 Sheets



LOCKHART B-35 #9

Located at 330' FNL AND 330' FEL
Section 35, Township 21 South, Range 37 East,
N.M.P.M., Lea County, New Mexico.

basin
surveys

focused on excellence
in the oilfield

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: 19007T

Survey Date: 01-08-2008

Scale: 1" = 2000'

Date: 01-10-2008

APACHE
CORP.

APPLICATION TO DRILL

APACHE CORPORATION
 LOCKHART "B-35" #9
 UNIT "A" SECTION 35
 T21S-R37E LEA CO. NM

In response to questions asked under Section II of Bulliten NTL-6, the following information on the above will be provided.

1. LOCATION: 330' FNL & 330' FEL SECTION 35 T21S-R37E LEA CO. NM
2. ELEVATION ABOVE SEA LEVEL: 3368' GL
3. GEOLOGICAL NAME OF SURFACE FORMATION: Quaternary Aeolian Deposits.
4. DRILLING TOOLS AND ASSOCIATED EQUIPMENT: Conventional rotary drilling rig using drilling mud as a circulating medium for solids removal from hole.
5. PROPOSED DRILLING DEPTH: 6850'

6. ESTIMATED TOPS OF GEOLOGICAL FORMATIONS:

Rustler Anhydrite	1265'	Blinbry Marker	5599'
Seven Rivers	2815'	Tubb	6070'
Queen	3413	Drinkard	6416'
Grayburg	3734'	Abo	6654
		TD	6850

7. POSSIBLE MINERAL BEARING FORMATIONS:

Blinbry Marker	Oil
Tubb	Oil
Drinkard	Oil

8. CASING PROGRAM:

HOLE SIZE	INTERVAL	OD OF CASING...	WEIGHT	THREA'D	COLLAR GRADE	CONDITION
26"	0-40'	20"	NA	NA	NA	Conductor New
12 1/4"	0-1300'	8 5/8"	24#	8-R	ST&C	J-55 New
7 7/8"	0-6850'	5 1/2"	17#	8-R	LT&C	J-55 New
Safety factors: Collapse 1.125 Burst 1.0 Body yield 1.5 Joint Strength						
8-R 1.8						
Buttress 1.6						

APPLICATION TO DRILL

APACHE CORPORATION
 LOCKHART "B-35" #9
 UNIT "A" SECTION 35
 T21S-R37E LEA CO. NM

9. CASING CEMENTING & SETTING DEPTHS:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
8 5/8"	Surface	Set 1300' of 8 5/8" 24# J-55 ST&C casing. Cement 450 Sx. of 35/65 Class "C" POZ + 2% CaCl ₂ + 1/4# Flocele/Sx, + 6% Bentonite Yield 1.8, tail in with 200 Sx. of Class "C" cement + 2% CaCl ₂ + 1/4# Flocele/Sx. Yield 1.3 circulate cement to surface.
5 1/2"	Production	Set 6850' of 5 1/2" 17# J-55 LT&C casing. Cement with 700 Sx. of 50/50 POZ Class "C" + 5% Salt, + .125# Floccels/Sx., + .5% FL-52A, + 10% Bentonite, Yield 2.45, tail in with 400 Sx. of Class "C" 50/50 P., + 5% Salt, + .6% FL-25, + 2% Bentonite Yield 1.3, circulate cement to surface.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E" shows a 900 series 3000 PSI working pressure B.O.P.. Consisting of an annular bag type preventor, middle blind rams, and bottom pipe rams. This B. O. P. will be mipped up on the 8 5/8" surface casing and tested to API specifications by a third party before drilling out from under the surface casing. The B. O. P. will be operated at least once in each 24 hour period and the blind rams will be operated when the drill pipe is out of the hole on trips. Full opening stabbing valve and upper kelly cock will be utilized. Exhibit "E" also shows a 3" 5000 PSI choke manifold with dual adjustable chokes with a 3" blow down line. No abnormal pressures or abnormal temperatures are expected while drilling this well.

11. PROPOSED MUD CIRCULATING SYSTEM:

DEPTH	MUD WT.	VISC.	FLUID LOSS	TYPE SYSTEM
40-1300'	8.6-8.8	28-34	NC	Fresh water spud mud add paper to control seepage, use Gel to maintain enough viscosity to clean hole.
1300-6300	10.0-10.2	28-32	NC	Brine water from surface casing add paper to control seepage use lime to control pH, use high viscosity sweeps to clean hole.
6300-TD	10.0-10.2	36-42	8-10cc or less	Brine as above control pH with Caustic Soda, add starch to control water loss, use high viscosity sweeps to clean hole.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run logs, DST's and casing water loss/viscosity may have to be altered or adjusted in order to meet these needs.

APPLICATION TO DRILL

APACHE CORPORATION
LOCKHART "B-35" #9
UNIT "A" SECTION 35
T21S-R37E LEA CO. NM

12. LOGGING, CORING, AND TESTING PROGRAM:

- A. Open hole logs: Dual Laterolog, MSFL, CNL, LDT, NGT, Sonic, Gamma Ray, Caliper from TD back to 8 5/8" casing shoe. CNL, Gamma Ray from 8 5/8" casing shoe back to surface.
- B. Rig up mud logger on hole at 3500'± and remain on hole to TD.
- C. No DST's or cores are planned at this time.

13. POTENTIAL HAZARDS:

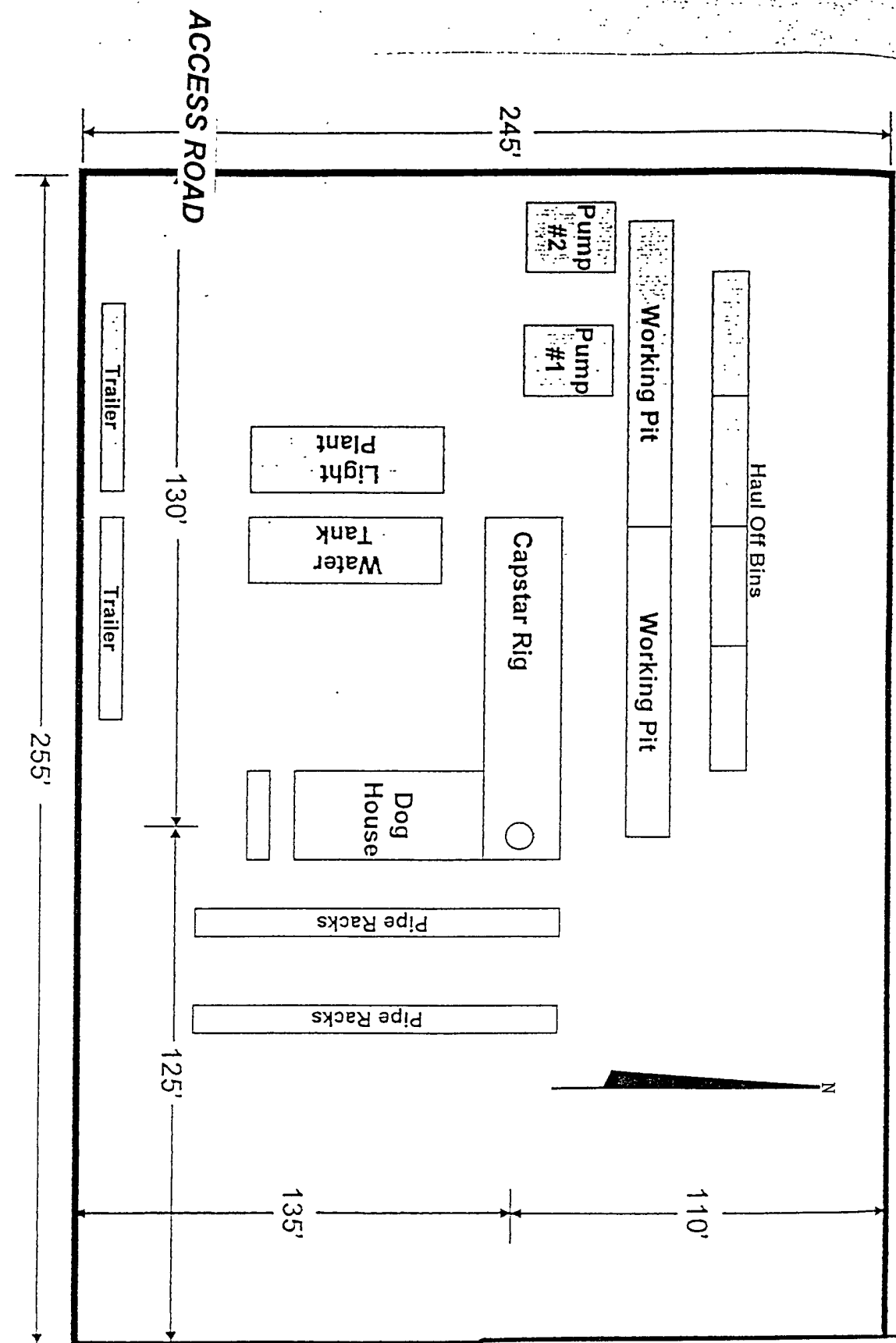
No abnormal pressures or temperatures are expected. There is no known presence of H²S in this area. If H²S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 2200 PSI, and Estimated BHT 125°.

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operation and drilling is expected to take 10 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flowlines in order to place well on production.

15. OTHER FACETS OF OPERATIONS:

After running casing, cased hole Gamma Ray, Neutron Collar logs will be run from TD back to all possible productive zones. The Drinkard formation will be perforated and stimulated in order to establish production. The well will be swab tested and potentialized as an oil well.

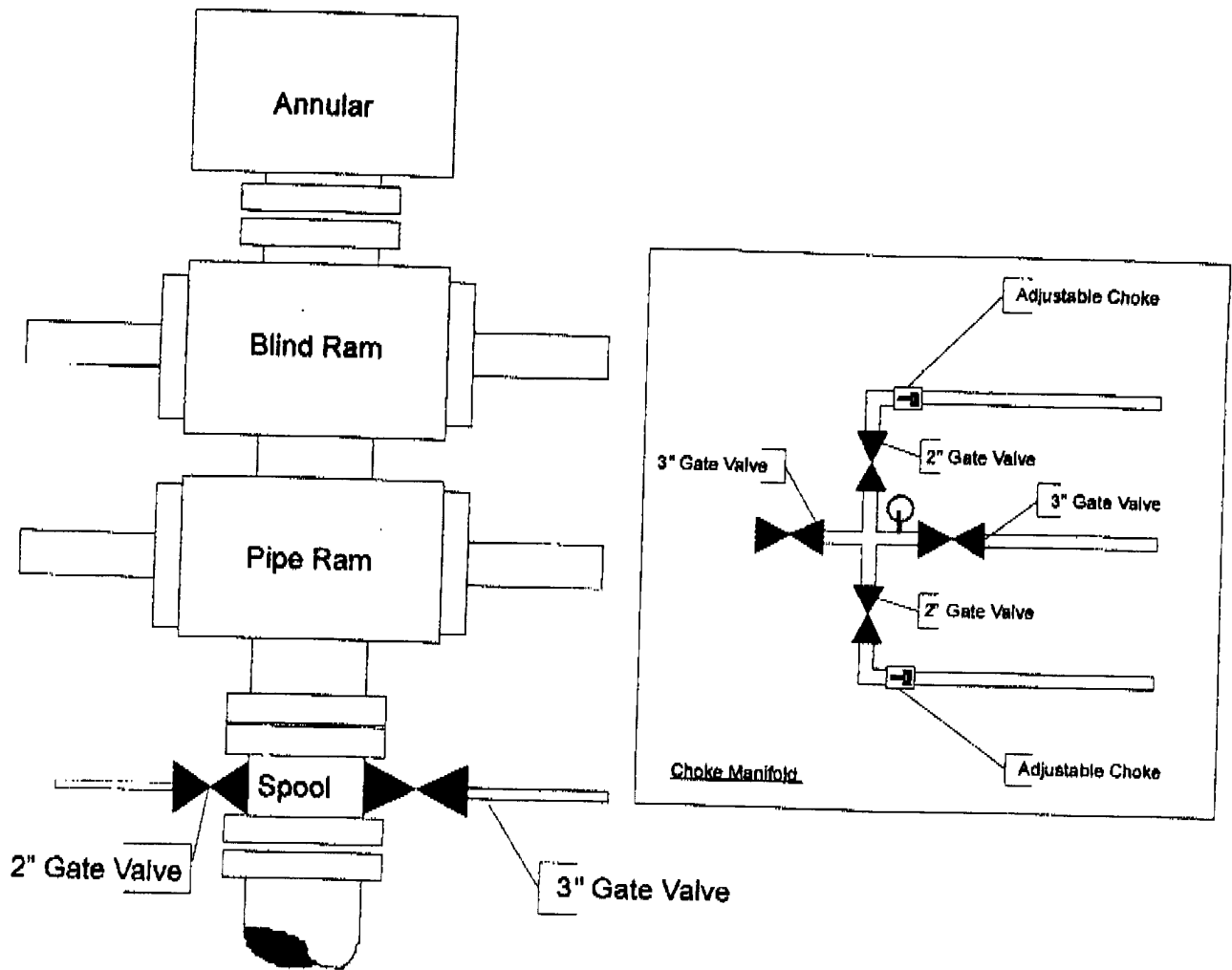


SEE ATTACHED FOR
CONDITIONS OF APPROVAL

EXHIBIT "G"
RIG LAYOUT PLAT

APACHE CORPORATION
LOCKHART "B-35" #9
UNIT "A" SECTION 35
T21S-R37E LEA CO. NM

3000psi -
BOPE



LOCKHART B-35 # 9
DRILLING PROGRAM

The geological surface formation is recent Permian with quaternary alluvium and other surficial deposits.

Formatted: Bullets and Numbering

Estimated Tops of Geological Markers:

<u>FORMATION</u>	<u>DEPTH</u>
Quaternary alluvials	Surface
Rustler	1265'
Yates	2616'
Seven Rivers	2815'
Queen	3413'
Grayburg	3734'
San Andres	3947'
Glorieta	5167'
Blaine Marker	5599'
Tubb	6070'
Drinkard	6416'
Abo	6654'
TD	6850'

Estimated depths at which water, oil, gas, or other mineral-bearing formations are expected to be encountered:

<u>SUBSTANCE</u>	<u>DEPTH</u>
Oil	Blaine Marker @ 5599' Tubb @ 6070' Drinkard @ 6416'
Gas	None anticipated
Fresh Water	None anticipated

All fresh water and prospectively valuable minerals (as described by BLM) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows within zones of correlative rights will be tested to determine commercial potential.

Proposed Casing Program:

<u>HOLE</u> <u>SIZE</u>	<u>CASING</u> <u>SIZE</u> OD / ID	<u>GRAD</u> <u>E</u>	<u>WEIGHT</u> <u>PER</u> <u>FOOT</u>	<u>DEPTH</u>	<u>SACKS</u> <u>CEMENT</u> <u>T</u>	<u>ESTIMATED TOC -</u> <u>REMARKS</u>
12 1/4"	8 5/8" 8.097"	J55 STC	24#	1300'	650	TOC - Surface 8.9 ppg Water-based Mud; 89 ° F Est. Static Temp; 83 ° F Est. Circ. Temp.
7 7/8"	5 1/2" 4.892"	J55 LTC	17#	6850'	1,100	TOC - Surface Float Collar set @ 6855' / 10.10 ppg Brine Mud; 141 ° F Est. Static Temp; 117 ° F Est. Circ. Temp.

Proposed Cement Program:

<u>CASING</u>	<u>LEAD SLURRY</u>	<u>TAIL SLURRY</u>	<u>DISPLACEMENT</u>
8 5/8"	450 sacks 35:65 Poz:Class C Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 6% bwoc Bentonite gel 844 Vol. Cu Ft 1.8 Vol. Factor Slurry Weight (ppg) 12.7 Slurry Yield (cf/sack) 1.88 Amount of Mix Water (gps) 10.7; <u>Estimated Pumping</u> <u>Time - 70 BC</u> <u>(HH:MM)-5:00;</u>	200 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% Fresh Water 270 Vol. Cu Ft 1.3 Vol. Factor Slurry Weight (ppg) 14.8 Slurry Yield (cf/sack) 1.35 Amount of Mix Water (gps)6.35 Estimated Pumping Time - 70 BC (HH:MM)-3:15;	99.1 bbls Fresh Water @ 8.33 ppg

8 5/8" Casing: Volume Calculations:

1,600 ft	x	0.4127 cf/ft	with 100% excess	=	1320.6 cf
40 ft	x	0.3576 cf/ft	with 0% excess	=	14.3 cf (inside pipe)
TOTAL SLURRY VOLUME					= 1334.9 cf
					= 237.7 bbls

Spacer 20.0 bbls Water @ 8.33 ppg

<u>CASING</u>	<u>LEAD SLURRY</u>	<u>TAIL SLURRY</u>	<u>DISPLACEMENT</u>
5 1/2"	700 sacks (50:50) Poz (Fly Ash): Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.5% bwoc FL-52A + 10% bwoc Bentonite 1715 Vol. Cu Ft 2.4 Vol. Factor Slurry Weight (ppg) 11.8 Slurry Yield (cf/sack) 2.45 Amount of Mix Water (gps) 14.07; <u>Estimated Pumping Time</u> <u>- 70 BC (HH:MM)-</u> 4:30;	400 sacks (50:50) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride +0.6% bwoc FL-25 + 2% bwoc Bentonite 520 Vol. Cu Ft 1. Vol. Factor Slurry Weight (ppg) 14.2 Slurry Yield (cf/sack) 1.30 Amount of Mix Water (gps) 5.91; Estimated Pumping Time – 70 BC (HH:MM)-4:00;	166.4 bbls 2% Kcl Water @ 8.43 ppg

5 1/2" Casing: Volume Calculations:

1600 ft	x	0.1926 cf/ft	with 0% excess	=	308.2 cf
2700 ft	x	0.1733 cf/ft	with 123% excess	=	1,041.7 cf
2550 ft	x	0.1733 cf/ft	with 80% excess	=	795.4 cf
40 ft	x	0.1305 cf/ft	with 0% excess	=	5.2 cf(inside pipe)
TOTAL SLURRY VOLUME					= 2,150.5 cf
					= 383.0 bbls

All slurries will be tested prior to loading to confirm thickening times and a lab report furnished to Apache. Fluid loss will be tested and reported on slurries with fluid loss additives. Lab test report will be furnished prior to pumping cement.

Proposed Mud Program

<u>DEPTH</u>	<u>MUD PROPERTIES</u>	<u>REMARKS</u>
0 - 1300'	Weight: 8.6 - 9.2 ppg Viscosity: 28 - 34 sec/qt pH: 9.0 - 9.5 Filtrate: NC	Spud with a Conventional Gel/Lime "Spud mud". Use gel and native solids to maintain a sufficient viscosity to keep the hole clean. Mix Paper one-two sacks every 100 feet drilled to minimize wall cake build up on water sands and to control seepage loss. Every 500' sweep the hole with 50 bbls of pre-mixed freshwater, gel and lime having a viscosity of 45-50 sec/qt.
1300' - 6300'	Weight: 10 10.0 - 10.2 ppg Viscosity: 28 - 32 sec/qt pH: 9.5 -10 Filtrate: NC	Drill out from under the surface casing with Brine Water. Paper should be added at 2 bags after every 100' drilled to control seepage losses. Use Lime to maintain pH at 9-10. Mix one gallon of Anco Drill N at flowline every 250 feet drilled to promote solids settling
6300' - TD	Weight: 10.0 - 10.2 ppg Viscosity: 36 - 42 sec/qt pH: 9.5 -10 Filtrate: 8-10 cm/30 min	From 6700' to Total Depth, it is recommended the system be restricted to the working pits. Adjust and maintain pH with Caustic Soda. Treat system with WT-22 @ 0.1 ppb. Mix Starch (yellow) to control API filtrate at 8-10 cc. Sweep hole with Anco Drill N every 100'.

Proposed Control Equipment:

Will install on the 8 5/8" surface casing a 9" x 3000 psi WP Double Ram BOP and will test using a 3rd party tester before drilling out of surface casing.

Auxiliary Equipment:

9" x 3000 psi double BOP/blind & pipe ram
4 1/2" x 3000 psi Kelly valve
9" x 3000 psi mud cross – H₂S detector on production hole
Gate-type safety valve 3" choke line from BOP to manifold
2" adjustable chokes – 3" blowdown line

Logging Program:

Formatted: Bullets and Numbering

The following logs may be run:

CNL, LDT, GR, CAL, DLL, MSFL, NGT, Sonic from TD-1300'
CNL, GR from TD-Surface

Mudlogging Program: From 3,500' to TD

No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, however, the proposed mud program will be modified to increase the mud-weight. The estimated maximum bottom hole pressure is 2,200 psi.

Formatted: Bullets and Numbering

Bottom Hole Pressure Calculations

Since January 1, 2003, Apache has drilled more than 120 Blinebry, Tubb, Drinkard wells in the Eunice Area. Data gained from those wells have demonstrated that:

1. The environment of deposition of the reservoir carbonate facies was extremely variable. Compartmentalized reservoirs are expected. Every wellbore will contain some pay zones that are at, or near, original pressure and some that are drawn down to various extents.
2. Pressures obtained from wireline tests conducted in wells drilled in 2003 and 2004 were not as expected. Pay zones expected to be drawn down often were not and those expected to be at original pressure often were not.
3. Continuity of pay zones determined from log analysis and correlation of those pay zones is much less than 50%.

Apache estimated bottom hole pressure by multiplying the median depth of perforations in the Blinebry, Tubb, and Drinkard by 0.44, then subtracting a few hundred pounds based upon number of and cumulative production from nearby offsets.

For example:

Hawk B-1 #61
Expected median depth of perforations: 6150*0.44=2706
Reduction due to offset production: 500
Expected bottom hole pressure: 2200

Hydrogen Sulfide Drilling Operations Plan

No H₂S is anticipated.

Surface Location

NE ¼ of Section 35, Township 21 South, Range 37 East, N.M.P.M.
Lea County, New Mexico
330' FNL, 330' FEL, Unit A

Bottom Hole Location

NE ¼ of Section 35, Township 21 South, Range 37 East, N.M.P.M.
Lea County, New Mexico
330' FNL, 330' FEL, Unit A

Leases Issued: LC-032096B

Operating Rights:

Apache Corporation	33.33%
ConocoPhillips Company	66.6667%

Acres in Lease:

Township 21 South, Range 37 East, NMPM

SEC	11	E2,NW;
SEC	12	N2;
SEC	13	S2N2, S2;
SEC	14	E2E2;
SEC	24	E2;
SEC	35	NE

Total Acres 1920.00

Acres Dedicated to Well:

There are 40.00 acres dedicated to this well, which takes in the UL A of Section 35, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

Driving Directions

From mile marker 37 on State Hwy 176 East of Eunice, go West 0.3 miles to lease road, on lease road go North 0.2 miles around tank site 0.1 mile, then East 0.3 miles to lease road, then North on lease road 0.2 miles to proposed lease road.

Location and Type of Water Supply

Apache Corporation plans to drill the proposed well with fresh and brine water which will be transported by truck over proposed and existing access roads.

Method of Handling Waste Material

We will be utilizing a closed-loop mud system, all drill cuttings and fluids will be hauled off to a licensed disposal location.

Water produced during operations will be collected in tanks until hauled to an approved disposal system.

Oil produced during operation will be stored in tanks until sold.

Apache Corporation will comply with current laws and regulations pertaining to the disposal of human waste.

All waste materials will be contained to prevent scattering by the wind and will be removed from the well site within 30 days after drilling and/or completion operations are finished.

Formatted: Bullets and Numbering

Surface Ownership

The surface is owned by Eva Mae Tousaint, Agent William Stephens, P O Box 115, Eunice, NM 88231. The minerals are owned by The U S Department of Interior and is administered by The Bureau of Land Management.

Archaeological, Historical, and Other Cultural Sites

Don Clifton, Archaeological Consultant, of Pep, New Mexico, will be conducting an archaeological survey of the proposed well which covers the drilling location, production facilities, and access road, including a corridor along said access road for power and flow lines. His report will be filed under separate cover.

I. Senior Representative (Manager, Engineering & Production):

Ross Murphy
Apache Corporation
Suite 1500 – Two Warren Place
6120 South Yale Avenue
Tulsa, Oklahoma 74136
(918) 491-4834

Project (Operations Engineer):

Kevin Mayes
Apache Corporation
Suite 1500 – Two Warren Place
6120 South Yale Avenue
Tulsa, Oklahoma 74136
(918) 491-4972

Drilling Operations (Operations Engineer):

Sam Hampton

CERTIFICATION

I HEREBY CERTIFY THAT I OR PERSONS UNDER MY SUPERVISION HAVE INSPECTED THE PROPOSED DRILL SITE AND THE ACCESS ROAD ROUTES, THAT I AM FAMILIAR WITH THE CONDITIONS THAT CURRENTLY EXIST, AND THAT THE STATEMENTS MADE IN THIS PLAN ARE TO THE BEST OF MY KNOWLEDGE ARE TRUE AND CORRECT, AND THAT THE WORK ASSOCIATED WITH THE OPERATIONS PROPOSED HEREIN WILL BE PERFORMED BY APACHE CORPORATION ITS CONTRACTORS OR ITS SUB-CONTRACTORS IS IN CONFORMANCE WITH THIS PLAN AND THE TERMS AND THE CONDITIONS UNDER WHICH IT IS APPROVED. THIS STATEMENT IS SUBJECT TO THE PROVISIONS OF U.S.C. 1001 FOR THE FILING OF A FALSE STATEMENT.

OPERATORS REPRESENTATIVES

BEFORE CONSTRUCTION

JOE T. JANICA

TIERRA EXPLORATION, INC.
P. O. BOX 2188
HOBBS, NEW MEXICO 88241
PHONE 505-391-8503
CELL 505-390-1598

DURING AND AFTER CONSTRUCTION

HAROLD SWAIN

APACHE CORPORATION
6120 SOUTH YALE
SUITE 1500
TULAS, OKLAHOMA 74136-4224
PHONE 432-527-3311
CELL PH. 505-390-4368

NAME; JOE JANICA

TITLE; PERMIT ENGINEER

DATE; 03/05/08

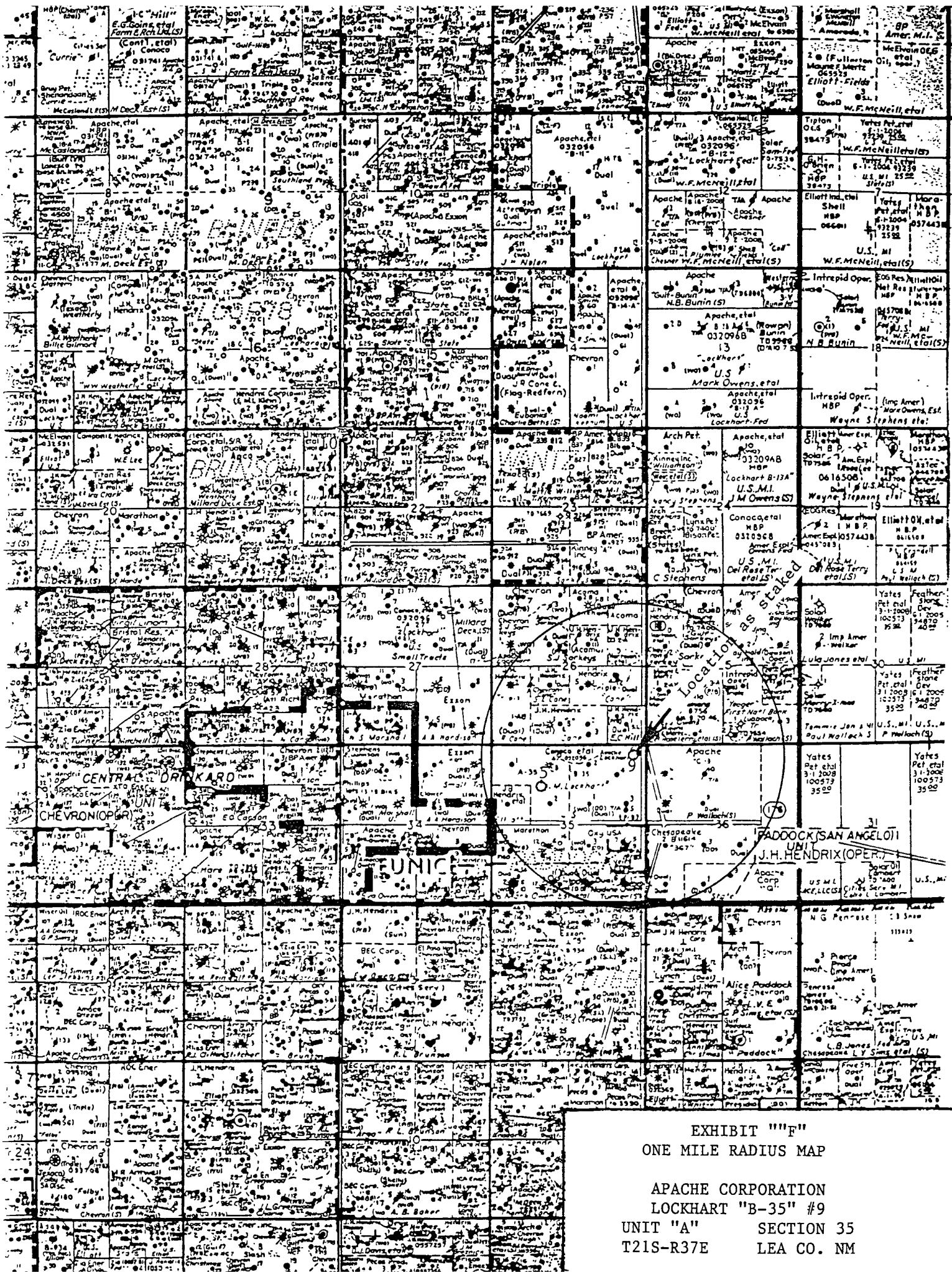
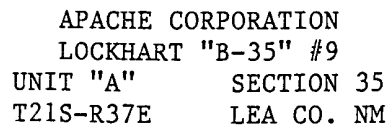


EXHIBIT "F"
ONE MILE RADIUS MAP

APACHE CORPORATION
LOCKHART "B-35" #9

UNIT "A" SECTION 35
T21S-R37E LEA CO. NM

T 21 S



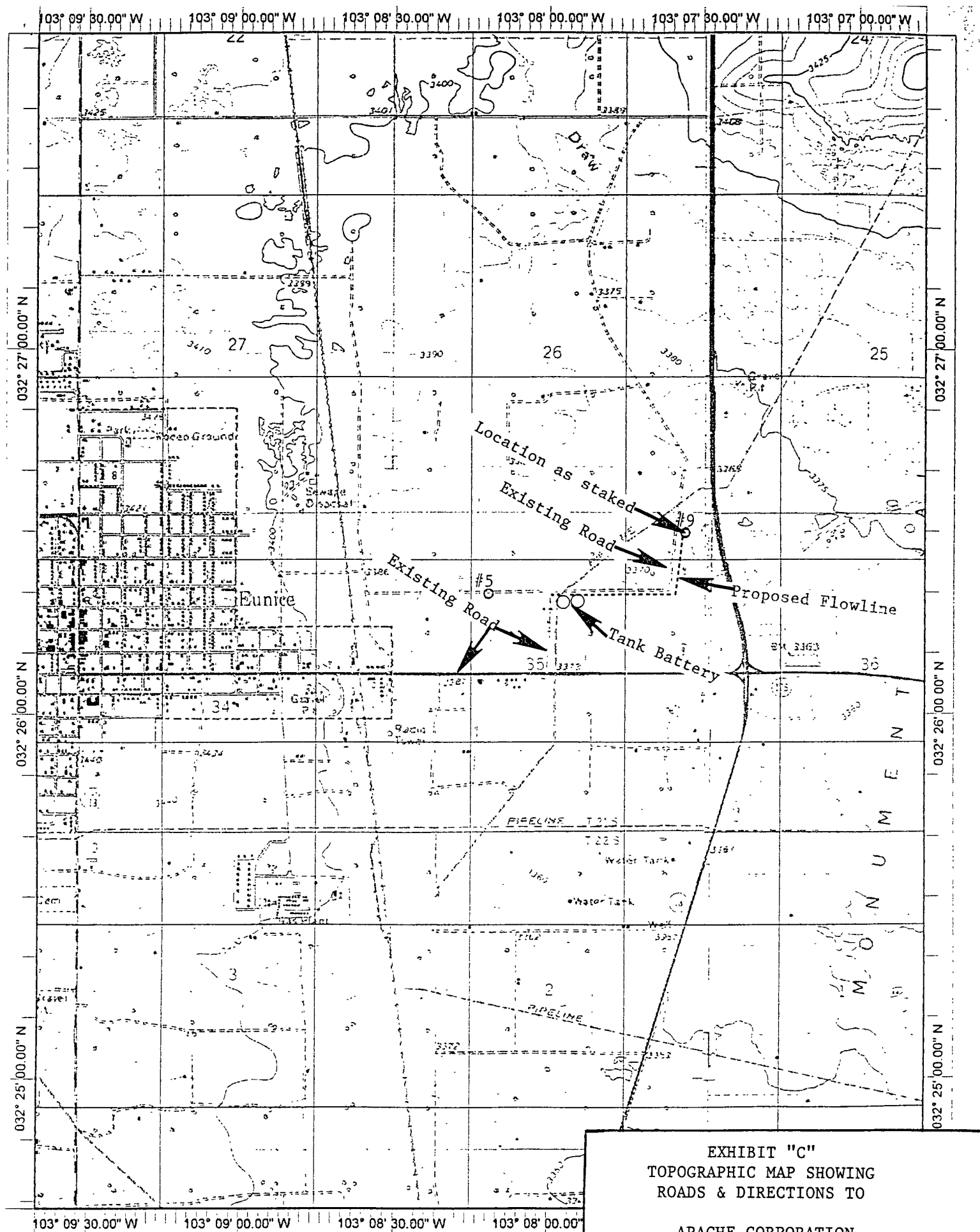


EXHIBIT "C"
TOPOGRAPHIC MAP SHOWING
ROADS & DIRECTIONS TO

APACHE CORPORATION
LOCKHART "B-35" #9
UNIT "A" SECTION 35
T21S-R37E LEA CO. NM

PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Apache Corp
LEASE NO.:	LC-032096-B
WELL NAME & NO.:	9-Lockhart B-35
SURFACE HOLE FOOTAGE:	330' FNL & 330' FEL
BOTTOM HOLE FOOTAGE:	' F L & ' F L
LOCATION:	Section 35, T. 21 S., R 37 E., NMPM
COUNTY:	Lea County, New Mexico

TABLE OF CONTENTS

Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

- ☐ **General Provisions**
- ☐ **Permit Expiration**
- ☐ **Archaeology, Paleontology, and Historical Sites**
- ☐ **Noxious Weeds**
- ☒ **Special Requirements**
 - Lesser Prairie Chicken
- ☐ **Construction**
 - Notification
 - Topsoil
 - Reserve Pit
 - Federal Mineral Material Pits
 - Well Pads
 - Roads
- ☐ **Road Section Diagram**
- ☒ **Drilling**
- ☐ **Production (Post Drilling)**
 - Pipelines
- ☐ **Reserve Pit Closure/Interim Reclamation**
- ☐ **Final Abandonment/Reclamation**

I. GENERAL PROVISIONS

The approval of the Application For Permit To Drill (APD) is in compliance with all applicable laws and regulations: 43 Code of Federal Regulations 3160, the lease terms, Onshore Oil and Gas Orders, Notices To Lessees, New Mexico Oil Conservation Division (NMOCD) Rules, National Historical Preservation Act As Amended, and instructions and orders of the Authorized Officer. Any request for a variance shall be submitted to the Authorized Officer on Form 3160-5, Sundry Notices and Report on Wells.

II. PERMIT EXPIRATION

If the permit terminates prior to drilling and drilling cannot be commenced within 60 days after expiration, an operator is required to submit Form 3160-5, Sundry Notices and Reports on Wells, requesting surface reclamation requirements for any surface disturbance. However, if the operator will be able to initiate drilling within 60 days after the expiration of the permit, the operator must have set the conductor pipe in order to allow for an extension of 60 days beyond the expiration date of the APD. (Filing of a Sundry Notice is required for this 60 day extension.)

III. ARCHAEOLOGICAL, PALEONTOLOGY & HISTORICAL SITES

Any cultural and/or paleontological resource discovered by the operator or by any person working on the operator's behalf shall immediately report such findings to the Authorized Officer. The operator is fully accountable for the actions of their contractors and subcontractors. The operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery shall be made by the Authorized Officer to determine the appropriate actions that shall be required to prevent the loss of significant cultural or scientific values of the discovery. The operator shall be held responsible for the cost of the proper mitigation measures that the Authorized Officer assesses after consultation with the operator on the evaluation and decisions of the discovery. Any unauthorized collection or disturbance of cultural or paleontological resources may result in a shutdown order by the Authorized Officer.

IV. NOXIOUS WEEDS

The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

V. SPECIAL REQUIREMENT(S)

Timing Limitation Stipulation/Condition of Approval for Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 15 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.

VI. CONSTRUCTION

A. NOTIFICATION

The BLM shall administer compliance and monitor construction of the access road and well pad. Notify the Hobbs Field Station at (505) 393-3612 at least 3 working days prior to commencing construction of the access road and/or well pad.

When construction operations are being conducted on this well, the operator shall have the approved APD and Conditions of Approval (COA) on the well site and they shall be made available upon request by the Authorized Officer.

B. TOPSOIL

There is no measurable soil on this well pad to stockpile. No topsoil stockpile is required.

C. RESERVE PITS

The operator has applied for a closed-loop system. The operator shall properly dispose of drilling contents at an authorized disposal site.

D. FEDERAL MINERAL MATERIALS PIT

If the operator elects to surface the access road and/or well pad, mineral materials extracted during construction of the reserve pit may be used for surfacing the well pad and access road and other facilities on the lease.

Payment shall be made to the BLM prior to removal of any additional federal mineral materials from any site other than the reserve pit. Call the Carlsbad Field Office at (505) 234-5972.

E. WELL PAD SURFACING

Surfacing of the well pad is not required.

If the operator elects to surface the well pad, the surfacing material may be required to be removed at the time of reclamation.

The well pad shall be constructed in a manner which creates the smallest possible surface disturbance, consistent with safety and operational needs.

VII. DRILLING

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c. BOPE tests

☒ **Lea County**

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,
(575) 393-3612

1. A Hydrogen Sulfide (H₂S) Drilling Plan should be activated 500 feet prior to drilling into the **Blaine** formation. **Hydrogen Sulfide has been reported measuring 200-800 ppm in gas streams and 400-130,000 ppm in STVs.**
2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

B. CASING

Changes to the approved APD casing and cement program require submitting a sundry and receiving approval prior to work.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

1. The **8-5/8** inch surface casing shall be set **at approximately 1300 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt)** and cemented to the surface.

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing.

- a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.

- b. Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement).
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, a remedial cement job will be done prior to drilling out that string.
2. The minimum required fill of cement behind the 5-1/2 inch production casing is:
- ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.
3. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

C. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. The tests shall be done by an independent service company.
 - b. The results of the test shall be reported to the appropriate BLM office.
 - c. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
 - d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

D. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

WWI 042308

VIII. PRODUCTION (POST DRILLING)

A. WELL STRUCTURES & FACILITIES

Placement of Production Facilities

Production facilities should be placed on the well pad to allow for maximum interim recontouring and revegetation of the well location.

Containment Structures

The containment structure shall be constructed to hold the capacity of the entire contents of the largest tank, plus 24 hour production, unless more stringent protective requirements are deemed necessary by the Authorized Officer.

Painting Requirement

All above-ground structures including meter housing that are not subject to safety requirements shall be painted a flat non-reflective paint color Shale Green, Munsell Soil Color Chart # 5Y 4/2

B. PIPELINES

STANDARD STIPULATIONS FOR SURFACE INSTALLED PIPELINES

A copy of the APD and attachments, including stipulations, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.
2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 *et seq.* (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the

Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et seq.) on the Right-of-Way (unless the release or threatened release is wholly unrelated to activity of the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.

4. The holder shall be liable for damage or injury to the United States to the extent provided by 43 CFR Sec. 2883.1-4. The holder shall be held to a standard of strict liability for damage or injury to the United States resulting from pipe rupture, fire, or spills caused or substantially aggravated by any of the following within the right-of-way or permit area:

a. Activities of the holder including, but not limited to construction, operation, maintenance, and termination of the facility.

b. Activities of other parties including, but not limited to:

- (1) Land clearing.
- (2) Earth-disturbing and earth-moving work.
- (3) Blasting.
- (4) Vandalism and sabotage.

c. Acts of God.

The maximum limitation for such strict liability damages shall not exceed one million dollars (\$1,000,000) for any one event, and any liability in excess of such amount shall be determined by the ordinary rules of negligence of the jurisdiction in which the damage or injury occurred.

This section shall not impose strict liability for damage or injury resulting primarily from an act of war or from the negligent acts or omissions of the United States.

5. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil, salt water, or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil, salt water, or other pollutant, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any responsibility as provided herein.

6. All construction and maintenance activity will be confined to the authorized right-of-way width of 25 feet.
7. No blading or clearing of any vegetation will be allowed unless approved in writing by the Authorized Officer.
8. The holder shall install the pipeline on the surface in such a manner that will minimize suspension of the pipeline across low areas in the terrain. In hummocky or dune areas, the pipeline will be "snaked" around hummocks and dunes rather than suspended across these features.
9. The pipeline shall be buried with a minimum of 24 inches under all roads, "two-tracks," and trails. Burial of the pipe will continue for 20 feet on each side of each crossing. The condition of the road, upon completion of construction, shall be returned to at least its former state with no bumps or dips remaining in the road surface.
10. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.
11. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.
12. Excluding the pipe, all above-ground structures not subject to safety requirement shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2; designated by the Rocky Mountain Five State Interagency Committee.
13. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number, and the product being transported. Signs will be maintained in a legible condition for the life of the pipeline.
14. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway.
15. Any cultural and/or paleontological resource (historic or prehistoric site or object)

discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder.

(March 1989)

IX. INTERIM RECLAMATION & RESERVE PIT CLOSURE

A. INTERIM RECLAMATION

If the well is a producer, interim reclamation shall be conducted on the well site in accordance with the orders of the Authorized Officer. The operator shall submit a Sundry Notices and Reports on Wells (Notice of Intent), Form 3160-5, prior to conducting interim reclamation.

During the life of the development, all disturbed areas not needed for active support of production operations should undergo interim reclamation in order to minimize the environmental impacts of development on other resources and uses.

Operators should work with BLM surface management specialists to devise the best strategies to reduce the size of the location. Any reductions should allow for remedial well operations, as well as safe and efficient removal of oil and gas.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche may be used for road repairs, fire walls or for building other roads and locations. In order to operate the well or complete workover operations, it may be necessary to drive, park and operate on restored interim vegetation within the previously disturbed area. Disturbing revegetated areas for production or workover operations will be allowed. If there is significant disturbance and loss of vegetation, the area will need to be revegetated. Communicate with the appropriate BLM office for any exceptions/exemptions if needed.

Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

X. FINAL ABANDONMENT & REHABILITATION REQUIREMENTS

- Upon abandonment of the well and/or when the access road is no longer in service the Authorized Officer shall issue instructions and/or orders for surface reclamation and restoration of all disturbed areas.

On private surface/federal mineral estate land the reclamation procedures on the road and well pad shall be accomplished in accordance with the private surface land owner agreement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

OCD-HOBBS

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator APACHE CORPORATION

3a. Address 6120 SOUTH YALE SUITE 1500
TULSA, OKLAHOMA 74136-42243b. Phone No. (include area code)
918-491-4980

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FNL & 330' FEL SEC. 35 T21S-R37E LEA CO. NM

Base Serial No.

LC-032096-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LOCKHART "B-35" # 9

9. API Well No.

10. Field and Pool, or Exploratory Area

EUNICE BLINEBRY TUBB DRINKARD N

11. County or Parish, State

LEA CO. NEW MEXICO

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change B.O.P. test pressure</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. APACHE CORPORATION requests the approval to reduce the test pressure on their B.O.P. from 3000 PSI to 2000 PSI. The testing is to be done by a third party.

This well requires 3M.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Joe T. Janica

Title Permit Engineer

Signature

Date 06/25/08

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

JUN 28 2008

WESLEY W. INGRAM
PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)