OCD-ARTESIA

Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Month - Year APR 30 2007 OCD - ARTESIA, NM

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.

***SUBMIT IN TRIPLICATE*- Other instructions on reverse side.**

5 Lease Serial No
NM NM 113387

6 If Indian, Allottee or Tribe Name
N/A

7 If Unit or CA/Agreement, Name and/or No
~~N/A~~ NM 116425

8. Well Name and No.
~~36089~~ FRONTIER 9 Fed Com #1

9. API Well No.
30-015-35207

10. Field and Pool, or Exploratory Area
Huapeche, Morrow

11. County or Parish, State
Sec 9, T-23S, R-22E

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

2. Name of Operator
Corkran Energy, LP

3a. Address
2219 West Lake Drive, Suite120, Austin, TX 78746

3b Phone No. *(include area code)*
512-329-6140

4. Location of Well *(Footage, Sec, T, R, M, or Survey Description)*
1980' FSL & 1980' FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Deepen the approved permit and alter the drilling program.**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permit was approved for 10,000' and need to ammend to 10,200'. This well has not been drilled.
Drilling Program ammendments:
Section 1. to state total depth as 10,200'
Section 4. proposed casing program
The ammended Drilling Program is submitted with this sundry notice

APPROVED
APR 26 2007
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Angela Lightner Title **Consultant**

Signature Angela Lightner Date **04/20/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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. Office

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)

DRILLING PROGRAM

Corkran Energy, LP
FRONTIER 9 FEDERAL COM #1
1980' FSL & 1980' FEL
Section 9, T-23-S, R-22-E
Eddy County, New Mexico

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Orders #1 and #2, and all other applicable federal and state regulations.

1. ESTIMATED TOPS OF GEOLOGIC MARKERS (TVD):

Anhydrite	250'
Glorietta	1,700'
Bone Spring	2,900'
Wolfcamp	5,950'
Canyon	7,700'
Strawn	8,725'
Atoka	9,200'
Morrow	9,725'
Total Depth	10,200'

2. ESTIMATED DEPTHS TO WATER, OIL, OR GAS FORMATIONS:

Fresh Water	Above 200'
Oil and Gas	Delaware, Atoka Sand, Middle Morrow, Lower Morrow

3. Pressure control equipment: The blow out preventer equipment (BOP) shown in Exhibit #1 will consist of a 3000 psi double ram type preventer for drilling the 12-1/4" hole. The blowout preventer stack for the production (8-1/2") hole as shown on Exhibit #2 will consist of at least a double-ram blowout preventer and annular preventer rated to 3000 psi working pressure. A diagram of the BOPs and choke manifold is attached. All BOPs and accessory equipment will be tested according to Onshore Order #2 before drilling out.

4. PROPOSED CASING PROGRAM:

Hole Size	Interval	Casing Size	Weight	Grade, Joint
26"	0 – 40'	20"	94#	Structural
17-1/2"	0 – 380'	13-3/8"	48#	N-80, BTC
12-1/4"	0 – 2,000'	9-5/8"	36#	K-55, LTC
8-1/2"	0 – 9,800'	5-1/2"	17#	N-80, LTC

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

5. PROPOSED CEMENTING PROGRAM

20" conductor	cemented with ready mix to surface
13-3/8" surface	320 sxs Premium Plus cement, 2% calcium chloride
9-5/8" intermediate	650 sxs Premium Plus cement, 2% calcium chloride
5-1/2" production	500 sxs Light Cement
	300 sxs Super "H" cement .5% Halad, .4% CFR-3, 3# per sx Gilsonite

6. PROPOSED MUD SYSTEM:

DEPTH	DESCRIPTION	MUD WEIGHT	VISCOSITY	WATER LOSS
0 – 380'	fresh water	8.6 – 8.8 ppg	28 – 30	NC
380' – 2,000'	brine water	10.0 – 10.2 ppg	28 – 34	NC
2,000' – 9,800'	fresh/brine/mud	8.4 – 10.4 ppg	28 – 40	6-8 cc

7. TESTING, LOGGING AND CORING PROGRAM:

Samples	10' Samples from 5,200'
DST's	Possible Cisco, Strawn & Atoka
Logging	Density, Lateral, Resistivity
Coring	Possible sidewall core

8. ABNORMAL PRESSURES AND TEMPERATURES:

None anticipated. Maximum bottom hole pressure should not exceed 5,200 psi.

This area has a potential H_2S hazard. An H_2S drilling plan is attached.

ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

It is planned that operations will commence on June 30, 2006. Drilling should be completed within 20 days followed by completion operations.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

Corkran Energy, LP.
Frontier 9 Federal Com #1

I. HYDROGEN SULFIDE TRAINING

A. All regularly assigned personnel, contracted or employed by Cabal Energy Corporation, will receive training from a qualified instructor in the following areas prior to commencing drilling potential hydrogen sulfide bearing formations in this well:

1. The hazards and characteristics of hydrogen sulfide (H_2S).

2. The proper use and maintenance of personal protective equipment and life support systems.

3. The proper use of H_2S detectors, alarms, warning systems, briefing areas, evacuation procedures and prevailing winds.

4. The proper techniques for first aid and rescue procedures.

B. In addition, supervisory personnel will be trained in the following areas:

1. The effects of H_2S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.

2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.

3. The contents and requirements of the H_2S Drilling Operations Plan.

C. There will be an initial training session just prior to encountering a known or probable H_2S zone (within 3 days or 500 feet) and weekly H_2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H_2S Drilling Operations Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

II. H_2S SAFETY EQUIPMENT AND SYSTEMS

Note: All H_2S safety equipment and systems will be installed, tested and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H_2S.

A. Well Control Equipment.

1. Flare line with continuous pilot.

2. Choke manifold with a minimum of one remote choke.

3. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.

4. Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head and flare.

B. Protective Equipment for Essential Personnel:

Mark II Surviveair 30-minute units located in the doghouse and at briefing areas, as indicated on well site diagram.

C. H_2S Detection and Monitoring Equipment:

1. Two portable H_2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H_2S levels of 20 ppm are reached.

2. One portable SO_2 monitor positioned near flare line.

D. Visual Warning Systems

1. Wind direction indicators are shown on well site diagram.

2. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance form the immediate location. Bilingual signs will be used when appropriate. See example attached.

E. Mud Program

1. The Mud Program has been designed to minimize the volume of H_2S circulated to the surface. Proper mud weights, safe drilling

practices and the use of H_2S scavengers will minimize hazards when penetrating H_2S bearing zones.

2. A mud-gas separator will be utilized as needed.

F. Metallurgy:

All drill strings, casing, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and line and valves shall be suitable for H_2S service.

G. Communication:

Cellular telephone communications in company vehicles, rig floor and mud logging trailer.

H. Well Testing:

Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safely and adequately conduct the test. The drill stem testing and an H_2S environment will be conducted during the daylight hours.