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JAN 2006 PEOENED Form 116011 CONS. DIV. (September 2001) IST. 3	2005 AUG 32 PI	M 1 2	FORM APPROV OMB No. 1004- Expires January 31	0136
UNITED STATES DEPARTMENT OF THE IN	ITERIOR RECEIV	30	5. Lease Serial No.	
BUREAU OF LAND MANAC	GEMENT 070 FARMING		SF 078881	2
APPLICATION FOR PERMIT TO DE	RILL OR REENTER		6. If Indian, Allottee or Tri	De Name
la. Type of Work: XXI DRILL REENTE	R.		7. If Unit or CA Agreement	
			Canyon Largo 8. Lease Name and Well No	
1b. Type of Well: Oil Well Gas Well Other	Single Zone Multip	ple Zone	Canyon Largo	Unit 482
2. Name of Operator Huntington Energy, L.L.C.	· · · · · · · · · · · · · · · · · · ·		30-039-296	42
3a Address 301 Waterford Blvd., Suite 400	1		10. Field and Pool, or Explor Basin Dakota	atory
Oklahoma City, OK 73118 4. Location of Well (Report location clearly and in accordance with	(405) 840-9876		11. Sec., T., R., M., or Blk. a	nd Survey or Area
At surface NWSESE 950' FSL & 1640' FEL .	•		∂ Sec 3, T25N-R	-
At proposed prod. zone			P 500 5, 1251 11	٠, ٠٠
14. Distance in miles and direction from nearest town or post office* 35 miles SE from Blanco, NM			12. County or Parish Rio Arriba	13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in lease 2080.76	1	8E/2	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 7450	i	BIA Bond No. on file 000076	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6806 *	22. Approximate date work will sta	art*	23. Estimated duration	
	24. Attachments			
The following, completed in accordance with the requirements of Onsho	ore Oil and Gas Order No.1, shall be a	ttached to thi	s form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). 5. Operator certific	cation. specific inf	ons unless covered by an existi	
25. Signature	Name (Printed/Typed) Catherine Smit	⊏h	Date 8/	29/05
Title Land Associate	÷			
Approved by (Signature)	Name (Printed/Typed)		Date	12/30/05
Title AEM	Office FFO			
Application approval does not warrant or certify the the applicant holds	legal or equitable title to those rights i	in the subject	lease which would entitle the	applicant to conduct

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

Conditions of approval, if any, are attached.

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 reverse)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

DISTRICT I 1625 N. Prench Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-1 Revised June 10, 2

Submit to Appropriate District Off State Lease - 4 Cop

Fee Lease - 3 Cop

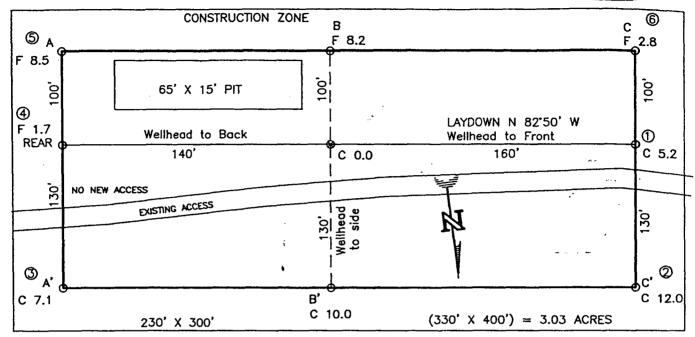
DISTRICT IV 1220 South St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPO 2005 AUG 32 PM 1 22

Instrumber 20-03-20-048 71599 **Property Road** 6886* **ScoleD** **CANYON LARGO UNIT* **Percent Road** **CORT ROAD** **Property Road** 6886* **Property Road** **CORT ROAD** **Property Road** **CORT ROAD** **Percent Road** **Perce		,	. ͺ γ	WELL L	OCATIO	n and a	.CR	EAGE DED	[CA	TION PI	ΔT		
Troperty Ranse CANYOLARGO UNIT** **GORD No.** 208706 **CANYOLARGO UNIT** **Operator Name** HUNTINGTON ENERGY, LLC **SUFface Location** **User bot no.** **Sufface Location** **Bedtom Hole Location If Different From Surface** **Bedtoate Aeres** **Joint or hall **December							•						
**Section Foundation Programme Country 1482 19886			1040		71599				<u> N.O.</u>	Basin Da	kota		
Postation Name 208706 **HUNTINGTON ENERGY, LLC **Surface Location** UL or lot no. Section Township Range Lot idn Peet from the Sorth/South line South 1140 EAST RIO ARRIBATION UL or lot no. Section Township Range Lot idn Peet from the Sorth/South line South 1140 EAST RIO ARRIBATION UL or lot no. Section Township Range Lot idn Peet from the Sorth/South line Peet from the East/West line County **Dedicated Acres It is not hall! "Coascidation Code Order No. **Dedicated Acres It is not hall! "Coascidation Code Order No. **No. ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE! OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 10 LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 4 LOT 3 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 LOT 2 LOT 1 LAT. 36'25.4633' N (NAD 27) LOT 2 L			2011	^		-	•					• We	
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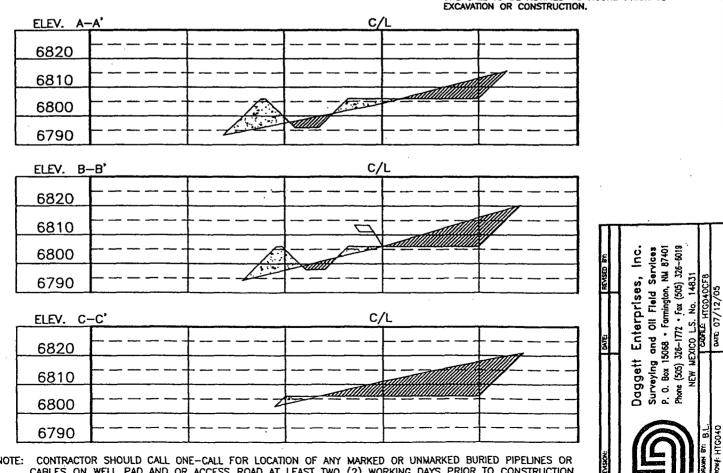
HUNTINGTON ENERGY, LLC CANYON LARGO UNIT No. 482, 950 FSL 1140 FEL SECTION 3, T25N, R7W, N.M.P.M., RIO ARRIBA COUNTY, N. M. GROUND ELEVATION: 6806'. DATE: JUNE 1, 2005

LAT. = 36°25.4633' N LONG. = 107°33.3925° NAD 27



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE). BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION. NOTE:



NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

OPERATIONS PLAN

Well Name:

Canyon Largo Unit #482

Location:

950' FSL, 1610' FEL, NWSESE Sec 3, T-25-N, R-7-W NMPM

Rio Arriba County, NM

Formation: Elevation:

Basin Dakota

6806' GL

Formation Tops:	<u>Top</u>	Bottom
Surface	San Jose	2050'
Ojo Alamo	2050'	2211'
Kirkland	2211'	2431'
Fruitland	2431'	2718'
Pictured Cliffs	2718'	2799'
Lewis Shale	2799'	3108'
Huerfanito	3108'	4280'
Cliff House	4280'	4361'
Menefee	4361'	4997'
Point Lookout	4997'	5226'
Mancos	5226'	6167'
Gallup (Niobrara)	6167'	6952'
Greenhorn	6952'	7016'
Graneros	7016'	7058'
Dakota	7058'	7333'
Morrison	7333'	
TD	7450'	

Logging Program:

Open hole – Platform Express Cased Hole – CBL/GR – TD to 6000'

Cores & DST's – none Mud log – 3400' to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0 - 320	Spud	8.4-8.9	40-50	no control
320 – 7450'	LSND	8.4-9.0	40-60	8-12

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

	Hole Size 12 1/4" 7 7/8"	<u>Depth Interval</u> 0' - 320' 0' - 7450'	Csg. Size 8 5/8" 4 1/2""	<u>Wt.</u> 24.0# 11.6#	Grade WC-50 N-80	
Tubing	Program:	0' - 7450'	2 3/8"	4.7#	J-55	

BOP Specifications, Wellhead and Tests:

Surface to TD -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rame and casing will be tested to 600 psi for 30 minutes.

^{2&}quot; nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Completion Operations:

6" 3000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams and casing top will be tested to 3000 psi for 15 minutes.

Surface to Total Depth:

2" nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Wellhead:

8 5/8" x 4 ½" x 1 ½" x 1 ½" x 3000 psi tree assembly.

General:

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper Kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- A BOP pit level drill will be conducted weekly for each drilling crew.
- All of the BOP tests and drills will be recorded in the daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

8 5/8" surface casing -

Cement to surface w/265 sx Class "B" cement w/3% calcium chloride and 1/4#/sx cellophane flakes (312 cu. ft. of slurry, 200% excess to circulate to surface). WOC 8 hr. prior to drilling out surface casing. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

Production Casing - 4 1/2"

Lead with 700 sx 65/35 Standard Poz w/6% gel, ¼# Flocele, 10# Gilsonite, 3/10% Halad 9, 1/10% HR5 (1.96 yld). Tail w/900 sx 50/50 Standard Poz w/35 Gel, 9/10% Halad9, 2/10% CFR 3, 5# Gilsonite, ¼# Flocele (1.47 yld).

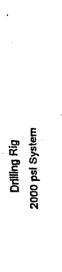
Alternate Two-stage cement job as follows:

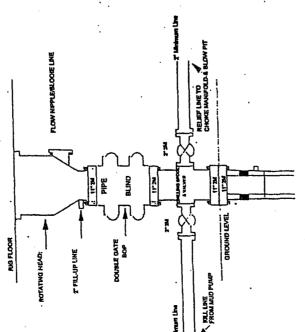
First Stage: Cement to circulate to stage tool @ 5066'. Lead with 700 sx Class "G" 50/50 poz (13#, 1.47 yd) w/3% gel, 0.25 pps Celloflake, 5 pps Gilsonite, 0.25 pps Fluid loss, 0.15% dispersant, 0.1% retarder. WOC 4 hours prior to pumping second stage. (Slurry volume: 1029 cu. ft. Excess slurry: 50%). DV Tool at 5000 ft.

Second Stage: Cement to circulate to surface. Cement with 700 sx Class "G" (12#, 2.9yd) TXI Liteweight cement w/2.5% sodium metasilicate, 2% calcium chloride, 10 pps Gilsonite, 0.5 pps Celloflake, 0.2% antifoam. WOC a minimum of 18 hours prior to cleanout. (Slurry volume: 1914 cd. th. Excess slurry: 50%). Tail w/50 sx Class "B" w/1/4# Flocele (15.6#, 1.18 yd), (Slurry 59 cu. ft., Excess 50%).

Float shoe on bottom. Three centralizers run every other joint above shoe. Thirty-five centralizers - one every 4th joint to the base of the Ojo Alamo @ 2448'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2448'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.



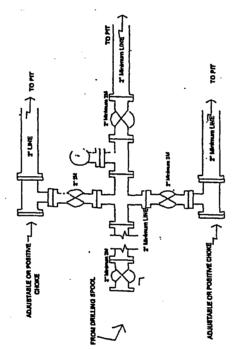


BOP Installation from Surface Casing Point to Total Depth. 11° Bore 10' Nominal, 2000 put working presume double gete 800° be 50' excloped working presume and begin store for be 60' excloped with biltin came and ples rams. A 500 put resting head on top of man nowanists. All BOP equipment is 2,000 put working pressure

Figure #1

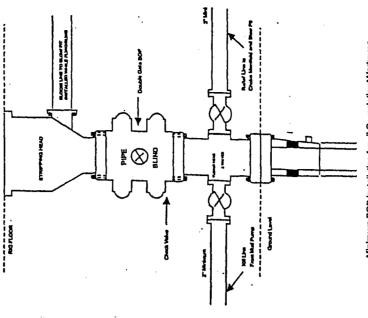
Drilling Rig Choke Manifold Configuration 2000 psi System





Choke manifold installation from Surface Casing Point to Total Depth. 2,000psl working pressure equipment with two chokes.

Figure #3



Minimum BOP installation for all CompletionWorkover Operations, 7-1/16* bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rame. A supping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

Flgure #2