

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

CEMENT TO COVER ALL OIL,
GAS AND WATER BEARING
ZONES

ces

Form C-101
May 27, 2004

NOTIFY OCD OF SPUD & TIME TO
WITNESS CEMENTING OF
SURFACE & INTERMEDIATE
CASING

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT

PLUGBACK, OR ADD A ZONE

Operator Name CHI OPERATING, INC P.O. BOX 1799 MIDLAND, TEXAS 79702		OGRID Number 004378
Property Code 34632	Property Name KODIAK	API Number 30 - 015-33961
Proposed Pool 1 Carlsbad; Morrow, South		Well No. 1
Proposed Pool 2 72960		

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	22S	27E		1980'	SOUTH	660	EAST	EDDY

Proposed 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

Additional Well Information

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3111
Multiple	Proposed Depth 12100	Formation MORROW	Contractor UNKNOWN	Spud Date 3/1/05
Depth to Groundwater 45' 20 Points		Distance from nearest fresh water well +600		Distance from nearest surface water Over 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	+48.5# J-55	±350'	±400	SURFACE
12 1/4"	9 5/8"	40/36# J-55	±5300'	±1000	SURFACE
8 3/4"	7" (CONTINGENCY)	26# N-80	±10,500'	±400	±8000'
6 1/8" (If 7" is set)	4 1/2" Liner	11.6# N-80	12,000'	As deemed necessary	500' above productive
7 7/8" (If 7" is not set)	5 1/2"	20/17# N-80	12,000'	As deemed necessary	zones

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill surface hole to 350', set csg & cement to surface. WOC-18 hrs. While WOC, NU annular, tst csg. Drill intermediate to base of Delaware ±5300'. Cement to surface. While WOC, NUBOP & test. Tst csg before drill out. Drill 8 3/4" hole to ±10500'. (If necessary, set 7" psi string & cement. If 7" is set, drill 6 1/8" hole to TD. Log/evaluate, set liner & cement.) If 7" is not set, continue to TD. Log/evaluate, set csg & cement.

(No H2S is anticipated, will monitor from 1800'-TD). (BOP pipe rams will be tested daily, blinds on all trips).

Set surface casing above Salado. Refer to offset geology.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

Printed name: JOHN W. WOLF

Title:

Title:

Approval Date: FEB 21 2005 Expiration Date: FEB 21 2006

E-mail Address:

Conditions of Approval Attach

As a condition of approval, if during construction water is encountered or if water seeps in pits after construction the OCD MUST BE CONTACTED IMMEDIATELY!

As a condition of approval a detailed closure plan must be filed before closure may commence.

District IV
2040 South Paoheco, Santa Fe, NM 87505

2040 South Pacheco
Santa Fe, N M 87505

Revised March 17, 1999
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

OPERATOR CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Signature: [Signature]

Printed Name: JOHN W. WOOD

Title: SURV

Date: 2/11/05

SURVEYOR CERTIFICATION

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 KNOWLEDGE AND BELIEF.

Date of Survey: FEBRUARY 3, 2005

Signature and Seal of Professional Surveyor: [Signature]

NEW MEXICO
5412
REGISTERED PROFESSIONAL SURVEYOR
NMD REG. PS #5412

Plat Data:
LAT N32.391020
LON W104.20523
660'
1880'