

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

Form 3160-3
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

0
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.

NM-2359

6. If Indian, Allottee or Tribe Name

Not Applicable

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

Not Applicable

8. Lease Name and Well No.

Sorenson "IB" Federal #5 12759

9. API Well No.

30-005-63846

10. Field and Pool, or Exploratory

Wildcat Precambrian 96542

11. Sec., T., R., M., or Blk. and Survey or Area

Section 6, T7S-R26E

12. County or Parish

Chaves County

13. State

NM

1a. Type of Work: ☒ DRILL ☐ REENTERb. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Yates Petroleum Corporation

3A. Address 105 South Fourth Street

Artesia, New Mexico 88210

3b. Phone No. (include area code)

(505) 748-1471

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface 1000' FSL and 660' FWL, Unit M

At proposed prod. Zone same as above

14. Distance in miles and direction from nearest town or post office*

Approximately thirty (30) miles northeast of Roswell, New Mexico

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

470.08

17. Spacing Unit dedicated to this well

320 S/2

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

19. Proposed Depth

5270'

20. BLM/BIA Bond No. on file

NM-2811

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3689' GL

22. Approximate date work will start*

ASAP

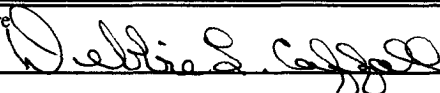
23. Estimated duration

30 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.
2. A Drilling Plan.
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.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

25. Signature 

Name (Printed/Typed)

Debbie L. Caffall

Date

7/13/2006

Title:

Regulatory Agent

debbiec@ypcnm.com

Approved by (Signature)

/S/ Larry D. Bray

Name (Printed/Typed)

/S/ Larry D. Bray

Date

AUG 17 2006

Title

Assistant Field Manager,
Lands And Minerals

Office

ROSWELL FIELD OFFICE

APPROVED FOR 1 YEAR

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.

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)

PREVIOUSLY APPROVED

C-144 ATTACHED

WITNESS SURFACE
CASINGIf earthen pits are used in
association with the drilling of this
well, an OCD pit permit must be
obtained prior to pit construction.

District II
811 South First, Artesia, NM 88210

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 96542	³ Pool Name Wildcat Precambrian
⁴ Property Code	⁵ Property Name Sorenson IB Federal		⁶ Well Number 5
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3689'

10 Surface Location

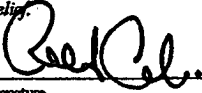
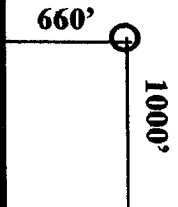
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	7S	26E		1000	South	660	West	Chaves

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 320 S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16				17	
				OPERATOR CERTIFICATION	
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
					
				Signature	
				Robert Asher	
				Printed Name	
				Regulatory Agent	
				Title	
				06/22/2004	
				Date	
NM-2359				18 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 belief.	
				REFER TO ORIGINAL PLAT	
				Date of Survey	
				Signature and Seal of Professional Surveyor:	
				Certificate Number	

Submit to Appropriate
State Lease
Fee Lease

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

**P.O. Box 2088
Santa Fe, New Mexico 87504-2088**

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
		Wildcat Precambrian
Property Code	Property Name	Well Number
	SORENSEN "1B" FEDERAL	5
OGRIID No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	3689

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	7S	26E		1000	SOUTH	660	WEST	CHAVES

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">NM-2359</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained hereto is true and complete to the best of my knowledge and belief.</i></p> <p style="font-size: 1.2em; font-family: cursive;">Clifton R. May</p> <p>Signature</p> <p>Clifton R. May</p> <p>Printed Name</p> <p>Regulatory Agent</p> <p>Title</p> <p>3/12/02</p> <p>Date</p> </div>
<div style="border: 1px solid black; padding: 10px;"> <p>N.33°43'56.3" W.104°20'36.7"</p> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 10px auto; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">NM-2359</div> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p style="text-align: right;">2/13/2002</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <div style="border: 2px solid black; border-radius: 50%; width: 150px; height: 150px; margin: 10px auto; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">NM-2359</div> </div> <p>Certification No. Hershman Jones RLS 3840</p> <p>GENERAL SURVEYING COMPANY</p> </div>

YATES PETROLEUM CORPORATION

Sorenson "IB" Federal #5

1000' FSL and 660' FWL

Section 6-T7S-R26E

Chaves County, New Mexico

1. The estimated tops of geologic markers are as follows:

San Andres	475'
Glorieta	1475'
Yeso	1625'
Tubb	3050'
Abo	3675'
Wolfcamp	4460'
Cisco	4940'
Penn Clastics	5020'
Basement - Granite	5120'
TD	5270'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 150'-200'
Oil or Gas: All potential zones.

3. Pressure Control Equipment: BOPE will be installed on the 11 3/4" casing and rated for 2000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

4. THE PROPOSED CASING AND CEMENTING PROGRAM:

- A. Casing Program: (All New)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft</u>	<u>Grade</u>	<u>Coupling</u>	<u>Interval</u>
14 3/4	11 3/4"	42#	H-40	ST&C	0-900' WITNESS
11	8 5/8"*	24#	J-55	ST&C	0-1500'
7 7/8"	5 1/2"	15.5#	J-55	ST&C	0-5270'

*8 5/8" will only be set if lost circulation is encountered

1. Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Tensile Strength 1.8
2. Yates Petroleum Corporation requests that a variance be granted in requiring the casing and BOPE to be tested to 2000 PSI to testing the casing and BOPE to 1000 PSI. The rig pumps will be used to test the casing and BOPE. Rig pumps used in this area cannot safely test above 1000 PSI. We would have to go to the greater expense of hiring an independent service to do the testing. Also, the maximum shut-in bottom hole pressure is 2200 PSI and it normally requires treatment to flow. Shut-in pressure at the surface would be less than 1000 PSI. We feel that a 1000 psi test will demonstrate that the BOPE is functioning properly and in the unlikely event of a gas in flux that the BOPE would be sufficient to control the well.

B. CEMENTING PROGRAM:

Surface Casing: 350 sx Lite "C" (YLD 2.0 WT 12.5). Tail in with 200 sx "C"
+ 2% CaCL₂ (YLD 1.32 WT 15.6).

Intermediate Casing: 400 sx Lite (YLD 2.0 WT 12.0). Tail in with 250 sx Class C+2%
CACL₂ (YLD 1.32 WT 14.8).

Production Casing: 500 sx Pecos Valley Lite (YLD 1.34 WT 13.0). TOC 3200'.

5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-900'	FW GEL, Paper, LCM	8.6 - 9.6	32-36	N/C
900'-3680'	Cut Brine/Brine	9.0 - 10.2	28	N/C
3680'-5270'	Salt Gel/Starch	9.3 - 10.2	32-40	<6/cc

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10' samples out from under surface casing.

Logging: Platform Express CNL/LDT, W/NGT TD -Surf csg; with GR/CNL up to Surf:

DLL/MS FL TD-Surf csg; BHC Sonic TD-Surf csg

Coring: None

DST's: As warranted.

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Anticipated BHP:

From: 0 TO: 900' Anticipated Max. BHP: 375 PSI

From: 900' TO: 5280' Anticipated Max. BHP: 2200 PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None.

H₂S Zones Anticipated: None Anticipated

Maximum Bottom Hole Temperature: 110 F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 25 days to drill the well with completion taking another 20 days.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN
YATES PETROLEUM CORPORATION
Sorenson "IB" Federal #5
1000' FSL and 660' FWL
Section 6-T7S-R26E
Chaves County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. EXISTING ROADS:

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed well site is located approximately 25 miles northeast of Roswell, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

Go east of Roswell, NM on Highway 285 to Red Bluff Road. Turn east on Red Bluff Rd. and go approx. 12.2 miles to Cottonwood Rd. Go left on Cottonwood Road for 2.1 miles and the new road will start here and go to the SE corner of the pad. Turn north and go approx. 3.3 miles. The new road will start here and go west to the SE corner of the pad.

2. PLANNED ACCESS ROAD:

- A. The proposed new access will be approximately 200' in length from the point of origin to the southeast corner of the drilling pad. The road will lie in a northeast to southwest direction.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. Existing roads will be maintained in the same or better condition.

3. LOCATION OF EXISTING WELL:

- A. There is drilling activity within a one-mile radius of the well site.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed well site.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will locate nearest pit and obtain any permits and materials needed for construction.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not approved.

8. ANCILLARY FACILITIES: None

9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach.
- B. The reserve pits will be plastic lined. Yates Petroleum Corporation is in full compliance with the OCD General Plan for Drilling Pits approved on April 15, 2004.
- C. A 400' x 400' area has been staked and flagged.

10. PLANS FOR RESTORATION:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level after they have evaporated and dried.

11. SURFACE OWNERSHIP: Private Surface
Michael Hillman
Hillman Family Trust
HCR Box 1108-A
Roswell, NM 88202-2148

12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

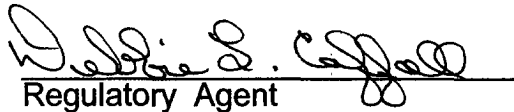
13. OPERATOR'S REPRESENTATIVE:

- | | |
|--|---|
| A. Through A.P.D. Approval:
Debbie Caffall, Regulatory Agent
Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Phone (505) 748-1471 | B. Through Drilling, Completions & Prod.
Pinson McWhorter, Operations Manager
Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Phone (505) 748-1471 |
|--|---|

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and , that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/13/2006


Regulatory Agent

YATES PETROLEUM CORPORATION

Sorenson "IB" Federal #5

1000' FSL & 660" FWL

Section 6-T7S-R26E

Chaves County, New Mexico

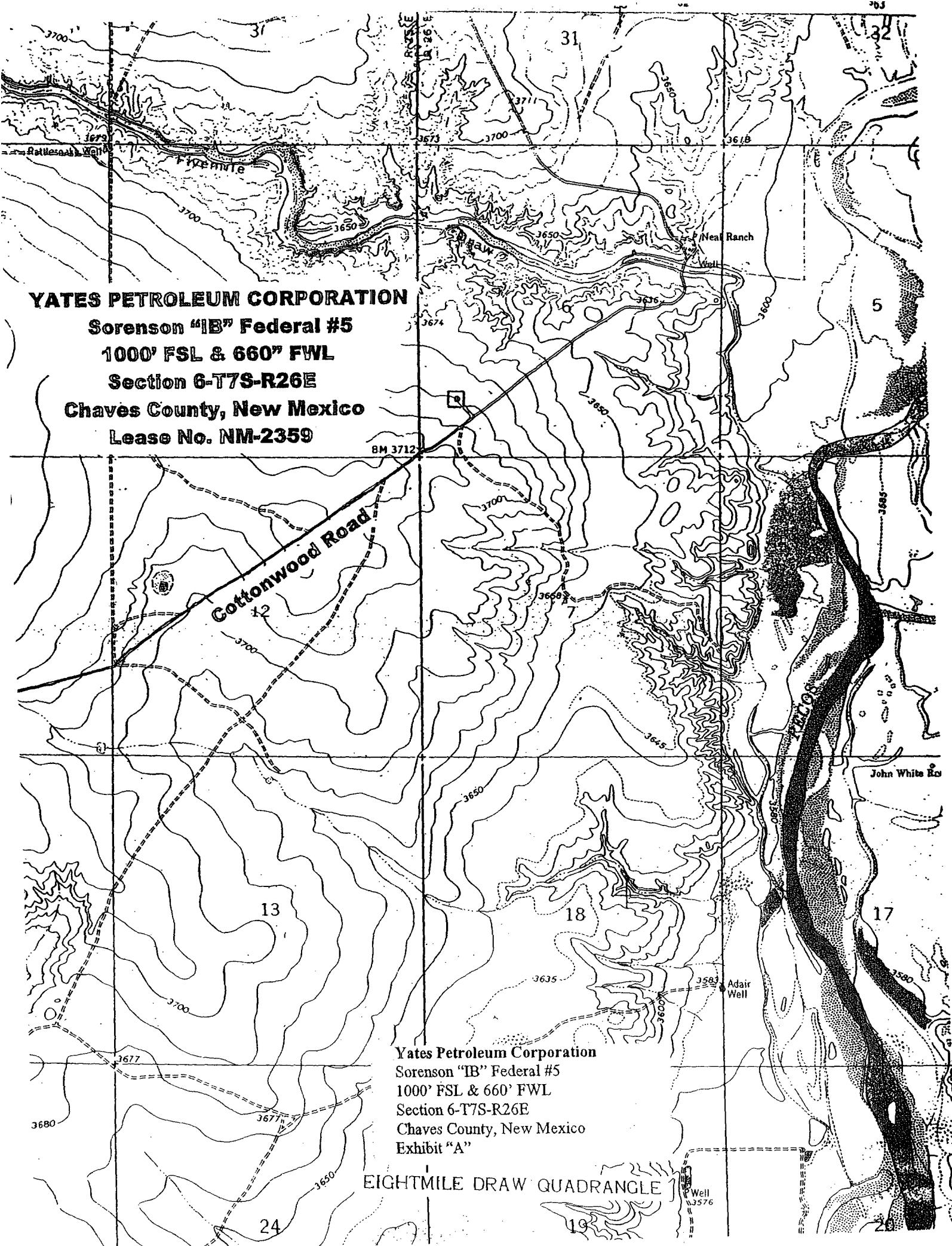
Lease No. NM-2359

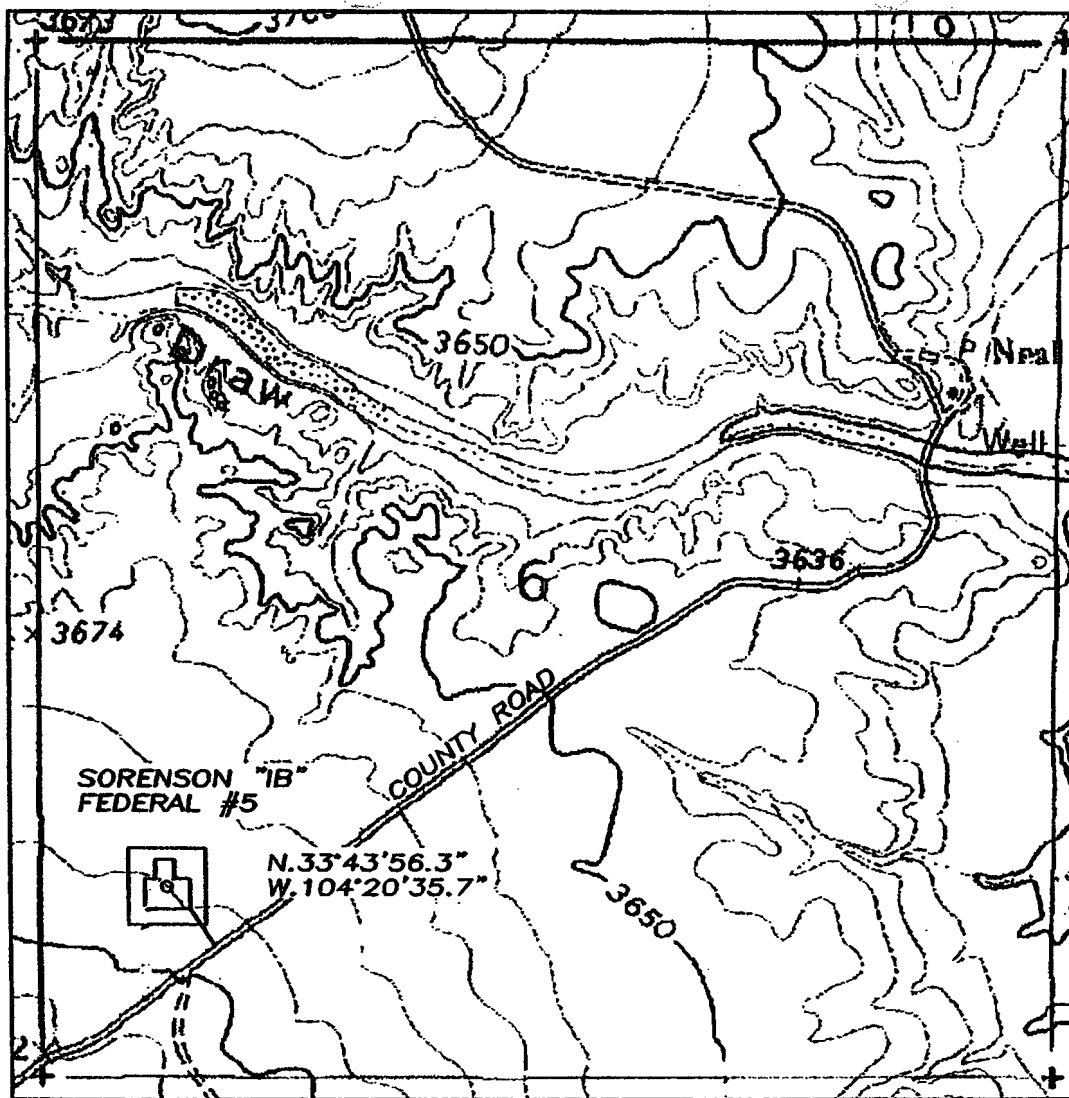
Cottonwood Road

BM 3712

Yates Petroleum Corporation
Sorenson "IB" Federal #5
1000' FSL & 660' FWL
Section 6-T7S-R26E
Chaves County, New Mexico
Exhibit "A"

EIGHTMILE DRAW QUADRANGLE





Yates Petroleum Corporation
Sorenson "IB" Federal #5
1000' FSL & 660' FWL
Section 6-T7S-R26E
Chaves County, New Mexico
Exhibit "A-1"

1000' 0 1000' 2000'
Scale 1" = 1000'

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

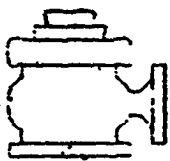
[Signature]
HERSCHEL L. JONES, R.L.S. No. 3840

GENERAL SURVEYING COMPANY P.O. BOX 1928
LOVINGTON NEW MEXICO 88260

YATES PETROLEUM CORP.

LEASE ROAD TO ACCESS THE YATES SORENSON
"IB" FEDERAL #5 LOCATED IN SECTION 6,
TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM,
CHAVES COUNTY, NEW MEXICO.

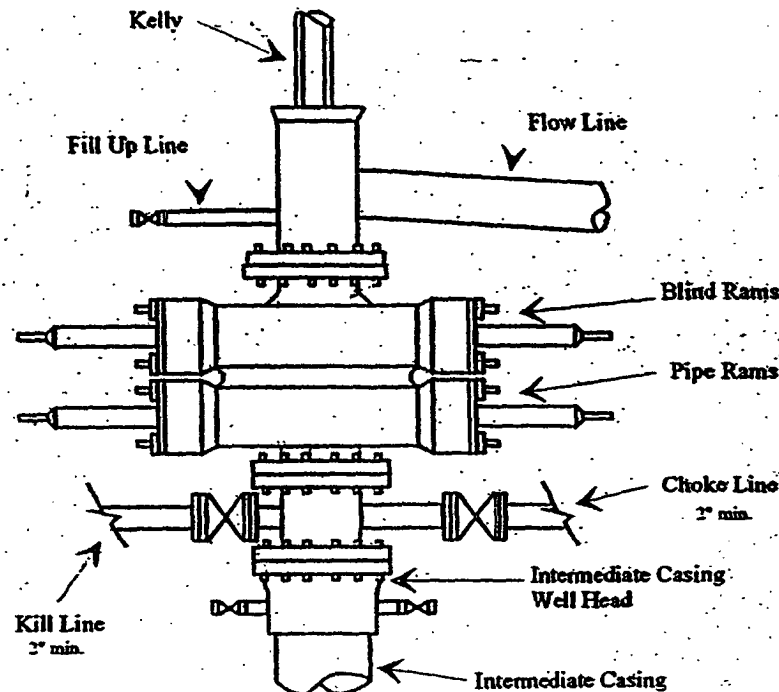
Survey Date: 2/13/2002	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 2/14/02	Scale 1" = 1000' SORNESON



Yates Petroleum Corporation

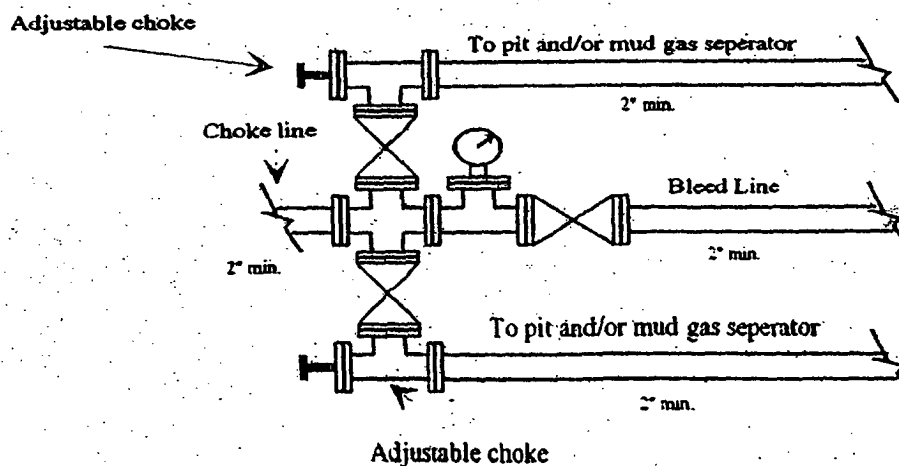
BOP-2

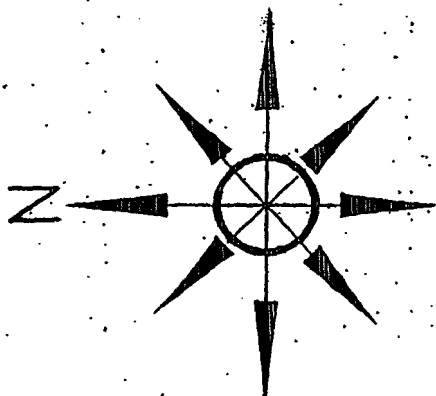
Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Yates Petroleum Corporation
Sorenson "TB" Federal #5
1000' FSL & 660' FWL
Section 6-T7S-R26E
Chaves County, New Mexico
Exhibit "B"

Typical 2,000 psi choke manifold assembly with at least these minimum features





Yates Petroleum Corporation

Sorenson "IB" Federal #5

1000' FSL & 660' FWL

Section 6-T7S-R26E

Chaves County, New Mexico

Lease No. NM-2359

Yates Petroleum Corporation

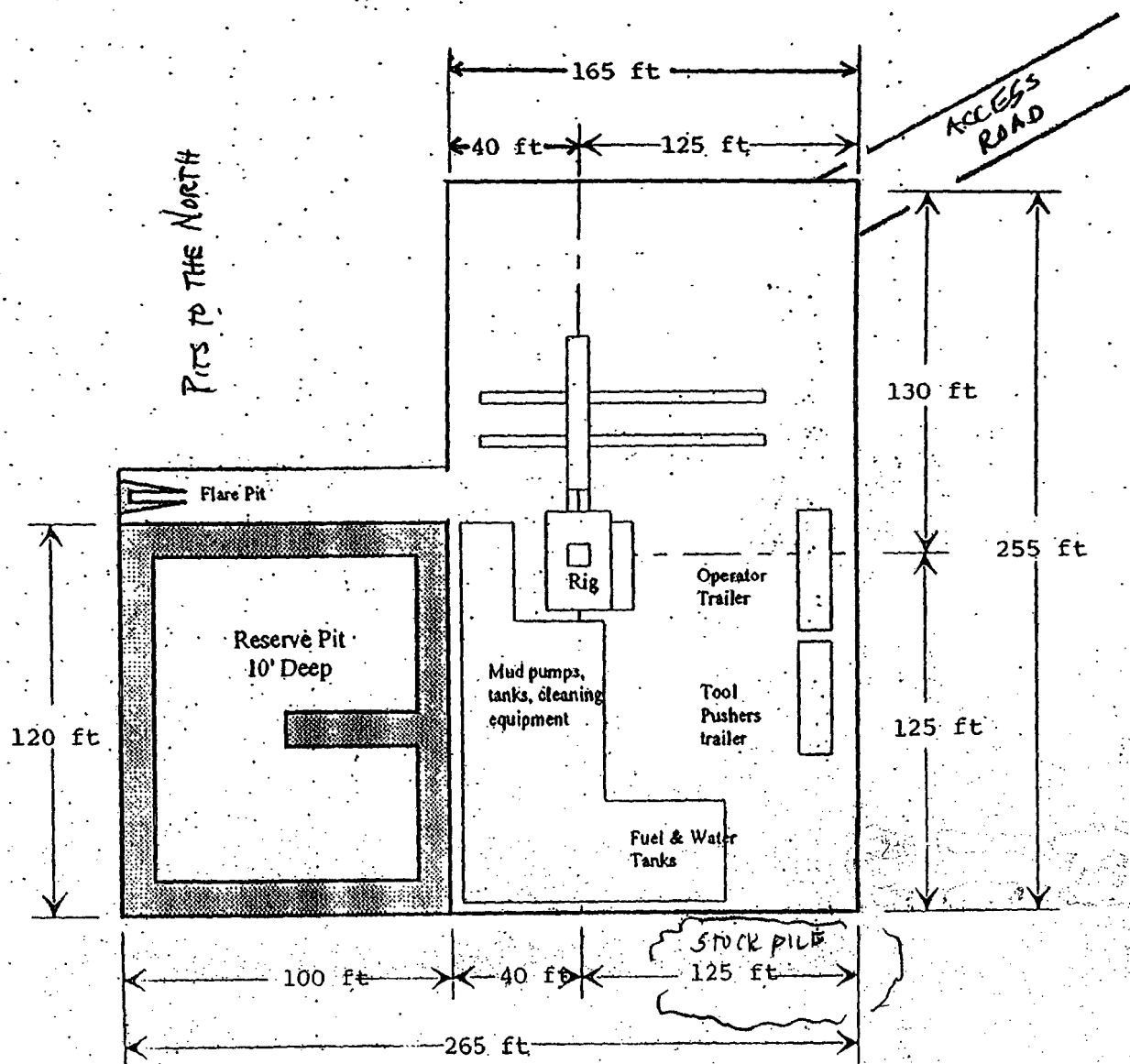
Sorenson "IB" Federal #5

1000' FSL & 660' FWL

Section 6-T7S-R26E

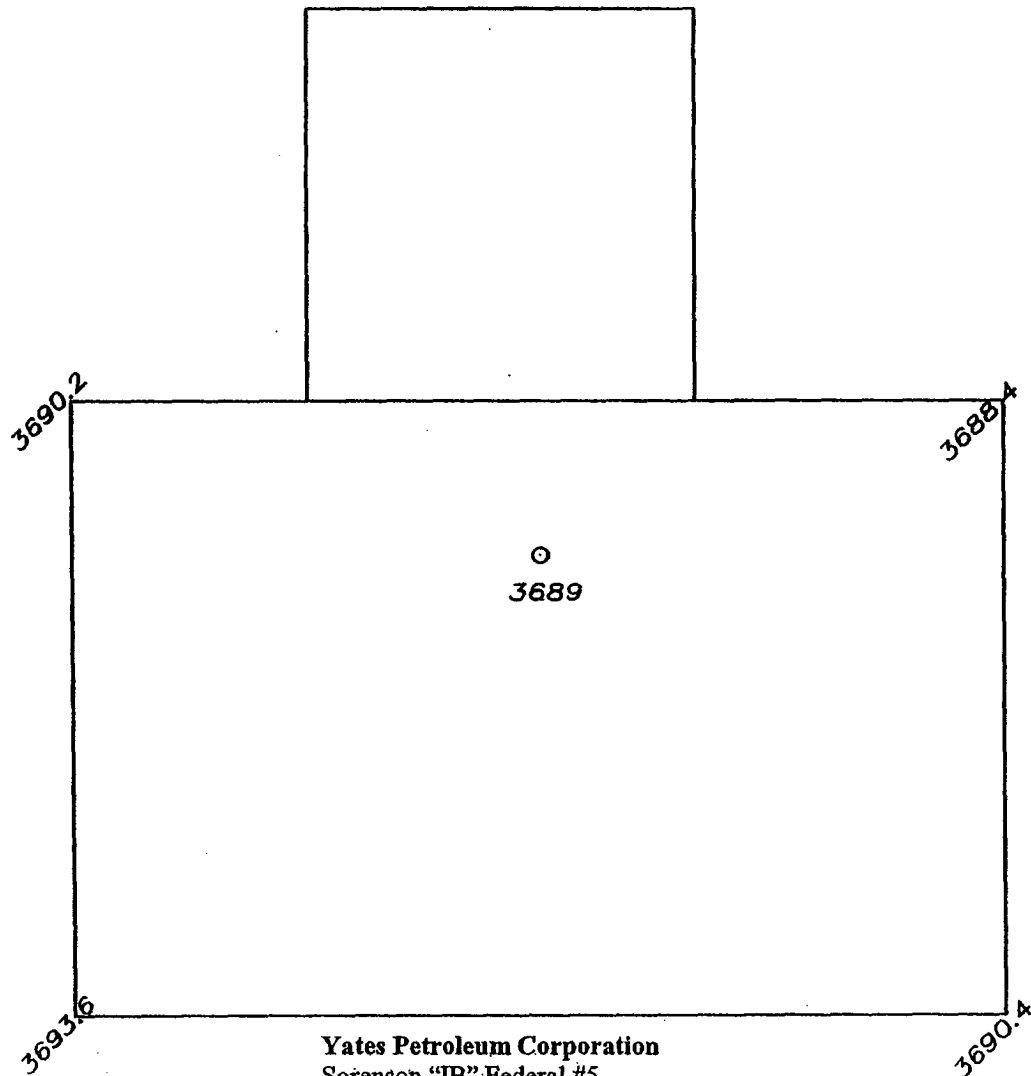
Chaves County, New Mexico

Exhibit "C"



Distance from Well
Head to Reserve Pit
will vary between rigs

YATES PETROLEUM CO. ORATION SORENSON "IB" . DERAL #5
 1000'/S & 660'/W, SECTION 6, TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM, CHAVES
 COUNTY, NEW MEXICO.



Yates Petroleum Corporation
 Sorenson "IB" Federal #5
 1000' FSL & 660' FWL
 Section 6-T7S-R26E
 Chaves County, New Mexico
 Exhibit "C-1"

50' 0 50' 100'
 Scale 1" = 50'

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF
 THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY
 DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS
 OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE
 STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED
 BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR
 PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

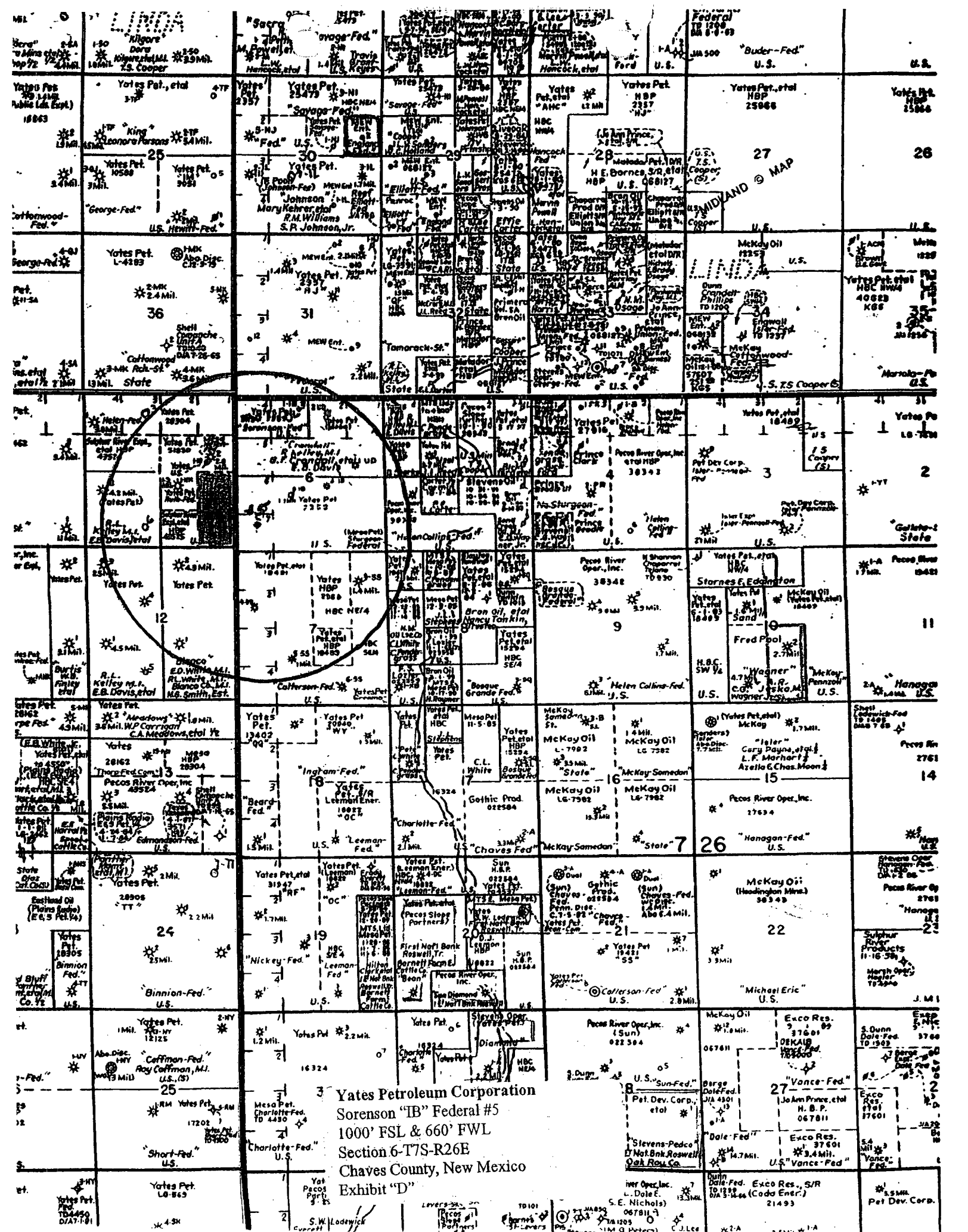
3840
 HERSCHEL L. JONES, R.L.S. No. 3840

GENERAL SURVEYING COMPANY P.O. BOX 1928
 LOVINGTON, NEW MEXICO 88260

YATES PETROLEUM CORP.

WELL PAD PLAN VIEW ON THE YATES SORENSON
 "IB" FEDERAL #5 LOCATED 1000'/S AND 660'/W
 OF SECTION 6, TOWNSHIP 7 SOUTH, RANGE 26
 EAST, NMPM, CHAVES COUNTY, NEW MEXICO.

Survey Date: 2/13/2002	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 2/14/02	Scale 1" = 50' SORENSON5



Hobbs, NM 88240

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 appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Form C-1
March 12, 21

105 South Fourth Street, Artesia, NM 88210

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ CheckBox1

RECEIVE
SEP - 9 2005
OCD-ARTESIA

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Yates Petroleum Corporation Telephone: 505-748-4376 e-mail address: debbiec@ypcnm.com

Address: 104 South 4th Street, Artesia, New Mexico 88210

Facility or well name: Sorenson IB Federal #5 API #: _____ U/L or Qtr/Qtr SWSW Sec 6 T 7S R 28E

County: Chaves Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume _____ bbl		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)		Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)		Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)		Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (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 ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and diagram of sample locations and excavations.

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 been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 10/26/2004

Printed Name/Title: Robert Asher/Regulatory Agent

Signature: 

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.

Approved: SEP 13 2005

Field Supervisor

Date: _____

Printed Name/Title: _____

Signature: 