

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

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088

Form C-101

Revised March 17, 1999

Instructions on back

Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

### APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address <b>Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210</b>		<sup>2</sup> OGRID Number <b>025575</b>
		<sup>3</sup> API Number <b>30- 005-61804</b>
<sup>4</sup> Property Code <b>32481</b>	<sup>5</sup> Property Name <b>Aikman BDK State Com</b>	<sup>6</sup> Well No. <b>1</b>

### <sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>P</b>	<b>36</b>	<b>6S</b>	<b>26E</b>		<b>660</b>	<b>South</b>	<b>660</b>	<b>East</b>	<b>Chaves</b>

### <sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 <b>Wildcat Silurian</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>E</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>3847'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>6,400'</b>	<sup>18</sup> Formation <b>Granite Wash</b>	<sup>19</sup> Contractor <b>Not Determined</b>	<sup>20</sup> Spud Date <b>ASAP</b>

### <sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
<b>12 1/4"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>1077'-in place</b>	<b>650 sx</b>	<b>Circulate</b>
<b>7 7/8"</b>	<b>4 1/2"</b>	<b>11.6#</b>	<b>16'-4775'-in place</b>	<b>475 sx</b>	<b>TOC-3925'</b>
<b>7 7/8"</b>	<b>3 7/8"</b>	<b>6.5#</b>	<b>0-6400'</b>	<b>700 sx</b>	<b>TOC-5000'</b>

<sup>22</sup> 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.

See Attached Sheet

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Clifton R. May</i>		Approved by: <i>Jim W. Leem</i>	
Printed name: <b>Clifton R. May</b>		Title: <i>District Supervisor</i>	
Title: <b>Regulatory Agent</b>		Approval Date: <b>JUN 16 2003</b> Expiration Date: <b>JUN 16 2004</b>	
Date: <b>06/12/03</b>	Phone: <b>(505) 748-1471</b>	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-61804	Pool Code	Pool Name Wildcat Silurian
Property Code	Property Name Aikman BDK State Com	Well Number 1
OGED No. 25575	Operator Name Yates Petroleum Corporation	Elevation 3847'


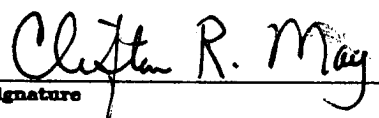
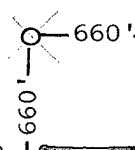
Surface Location

UL or lot No. F	Section 36	Township 6 S	Range 26 E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Chaves
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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 320	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

				<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Clifton R. May Printed Name Regulatory Agent Title June 12, 2003 Date	
				<b>SURVEYOR CERTIFICATION</b> <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> Refer to Original Plat Date Surveyed Signature & Seal of Professional Surveyor Certificate No.	
V-5377		VA-1382			

All distances must be from the outer boundaries of the Section.

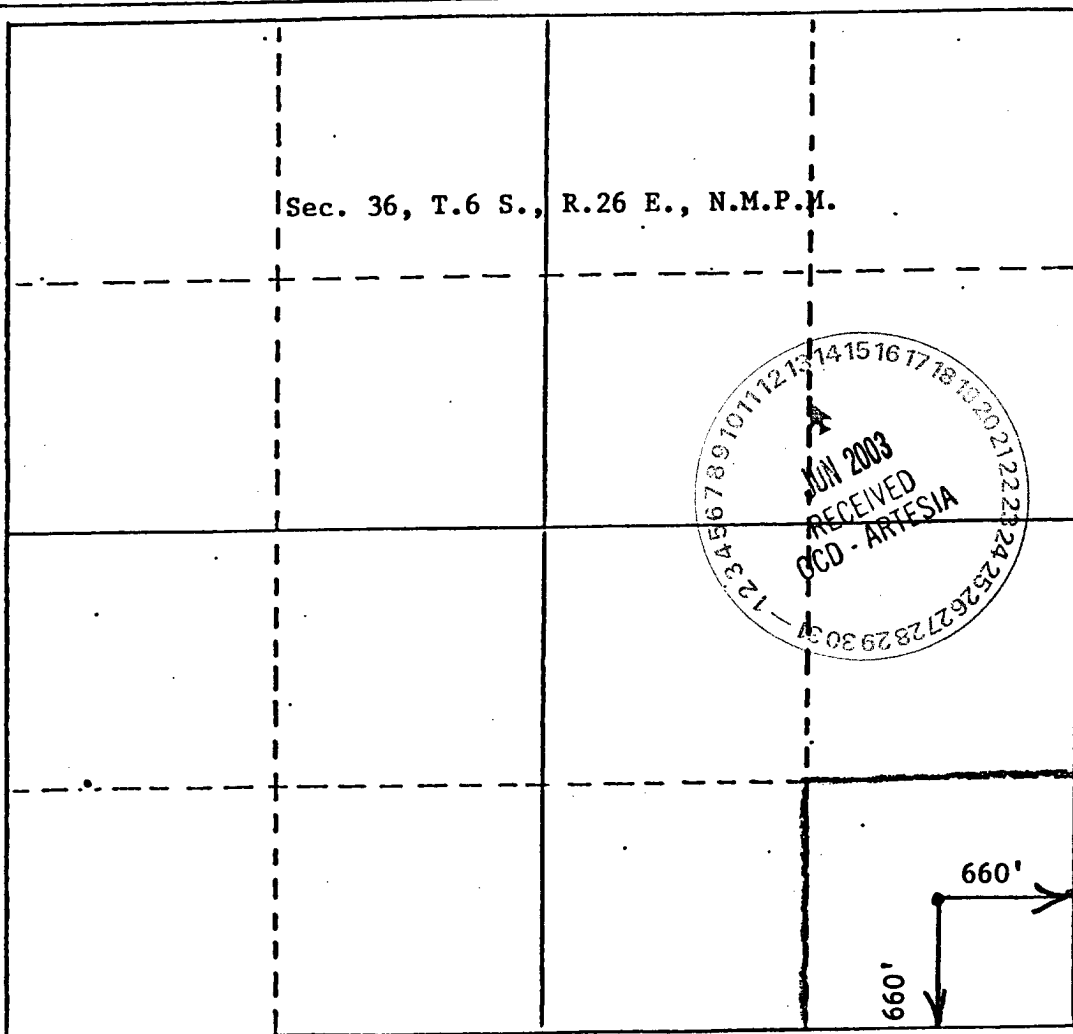
Operator <b>McKay Oil Corp.</b>		Lease <b>McKay Oil Corp.</b>		Well No. <b>#1</b>
Unit Letter <b>P</b>	Section <b>36</b>	Township <b>6 South</b>	Range <b>26 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3847</b>	Producing Formation <b>Granite Wash</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty). Single Lease
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



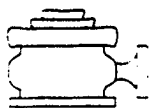
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**James L. Schultz**  
Position  
**Agent**  
Company  
**McKay Oil Corp.**  
Date  
**10-18-82**

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

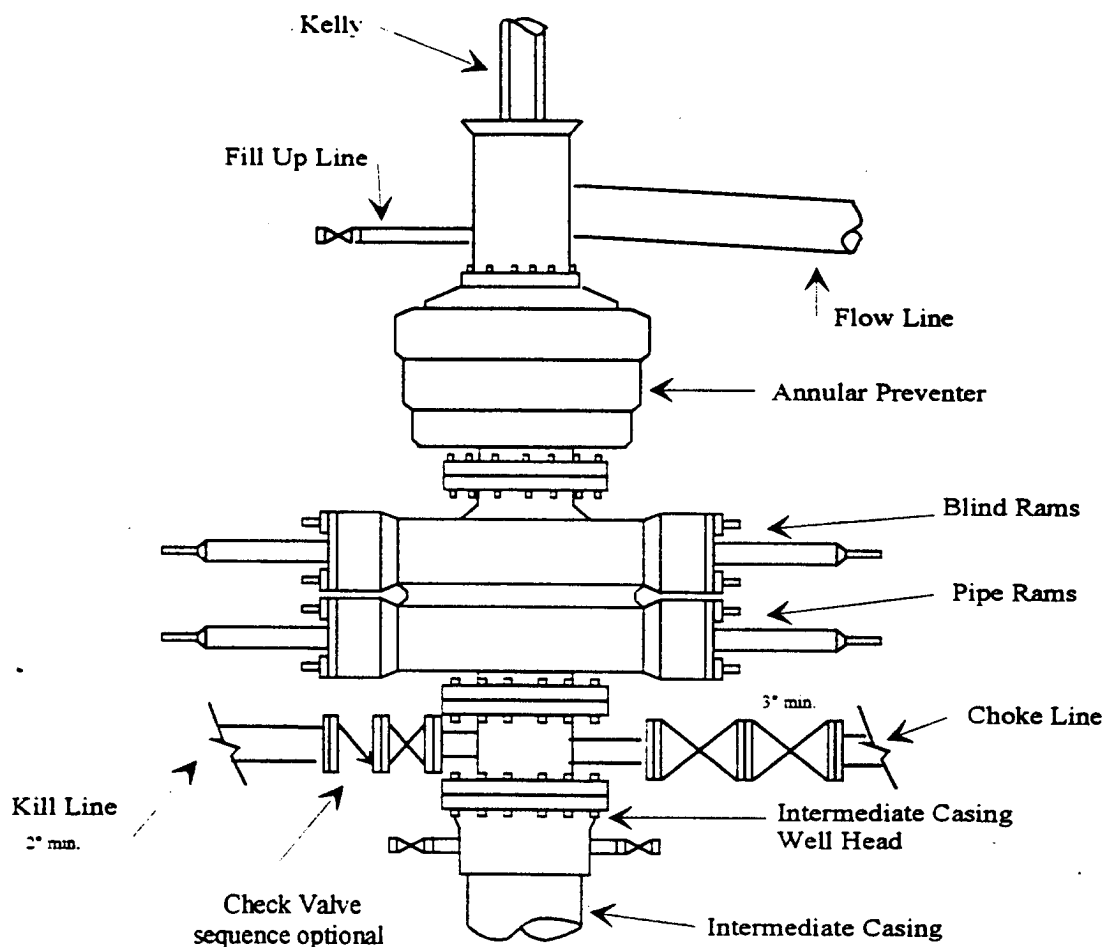
Date Surveyed  
**October 16, 1982**  
Registered Professional Engineer and Land Surveyor  
**John D. Jaquess**  
Certificate No. **6290**



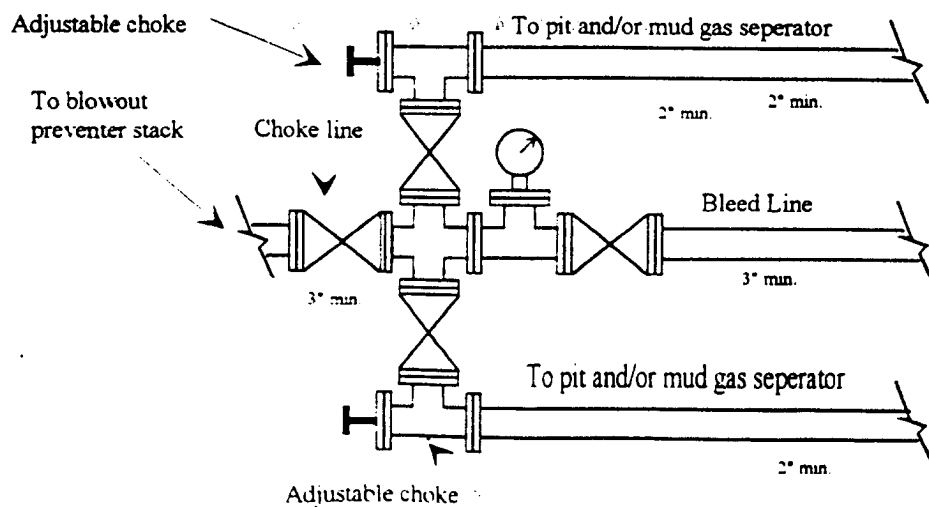
# Yates Petroleum Corporation

BOP-3

## Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



# **YATES PETROLEUM CORPORATION**

**Aikman BDK State Com #1 Re-Entry**

**660' FSL and 660' FEL**

**Section 36-T6S-R26E**

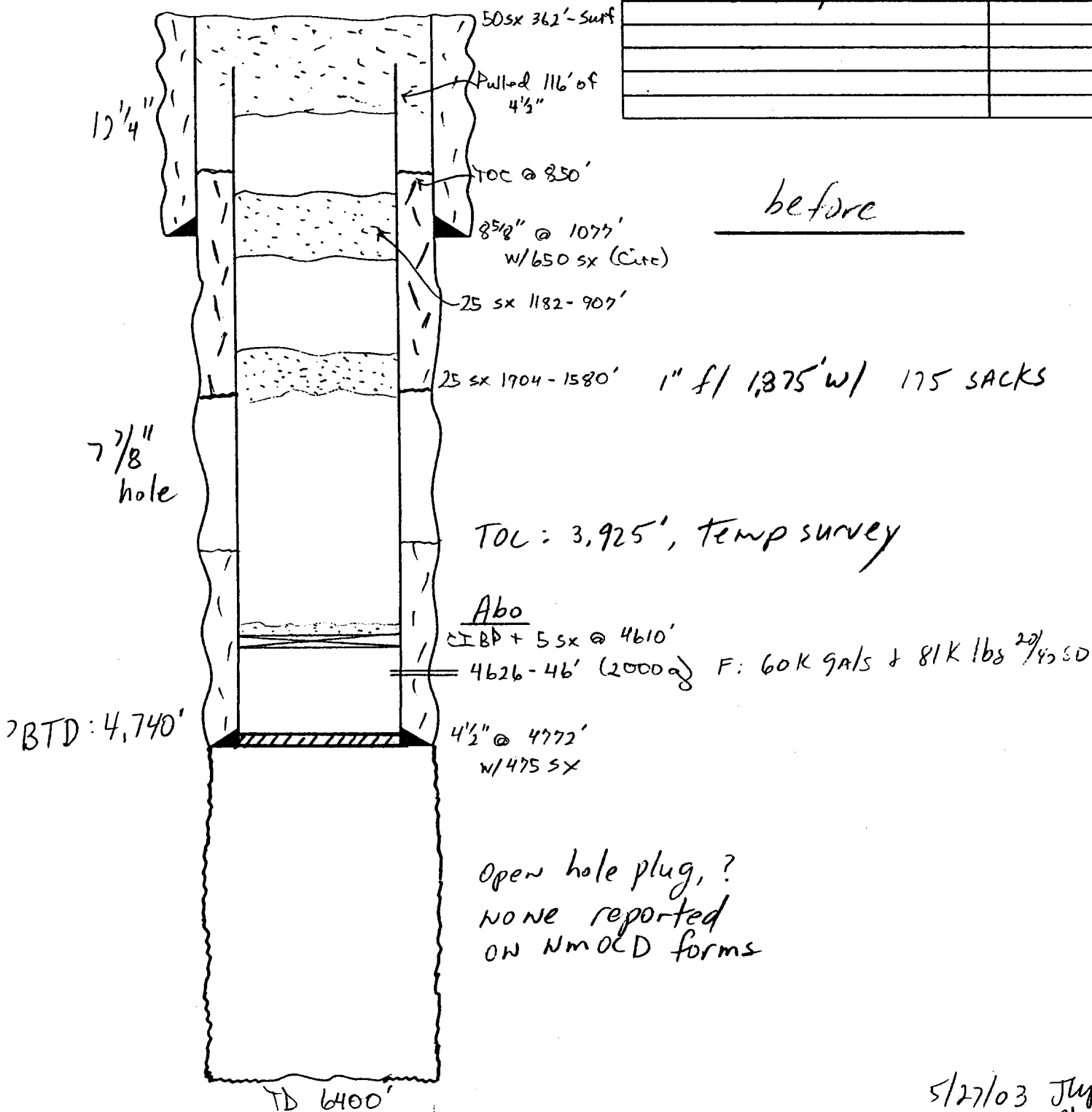
**Chaves County, New Mexico**

**This well was originally drilled by McKay Oil Corporation as their Aikman State #1 and was plugged in March 1999. Yates Petroleum Corporation plans to re-enter this well using a pulling unit and a reverse unit to drill out the cement plugs in the 8 5/8" casing and in the 4 1/2" casing down to 4,772'. Yates will then clean out the 7 7/8" open hole down to the old TD of 6400'. Yates will then run 2 7/8" casing to TD and cement with enough cement to bring the top to 5,000' +/- . The mud that will be used is 9.2-9.5 ppg brine water with a 55-70 cp viscosity. A 3000# BOPE will be nipped up on the 8 5/8" casing.**

**The well will be completed using a pulling unit. The formations that a completion will probably be attempted in will be the Silurian @ 6100' +/-, the Mississippian @ 6000' +/- . The Strawn @ 5900' +/-, the Cisco @ 5700' +/-, or the Wolfcamp @ 5000' +/-.**

WELLNAME: Aikman State 1 (H-Kay Oil) FIELD: Pecons Slope Abn  
 LOCATION: 660' FS & 660' FE P 36-65-26E Chaves County  
 GL: 3848' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3,860'  
 SPUD DATE: 11/14/82 COMPLETION DATE: \_\_\_\_\_  
 COMMENTS: P&A 3/17/99

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8" 24.0 # J-55, ST&C	1077'
4 1/2" 11.6 # K55, ST&C	4772'

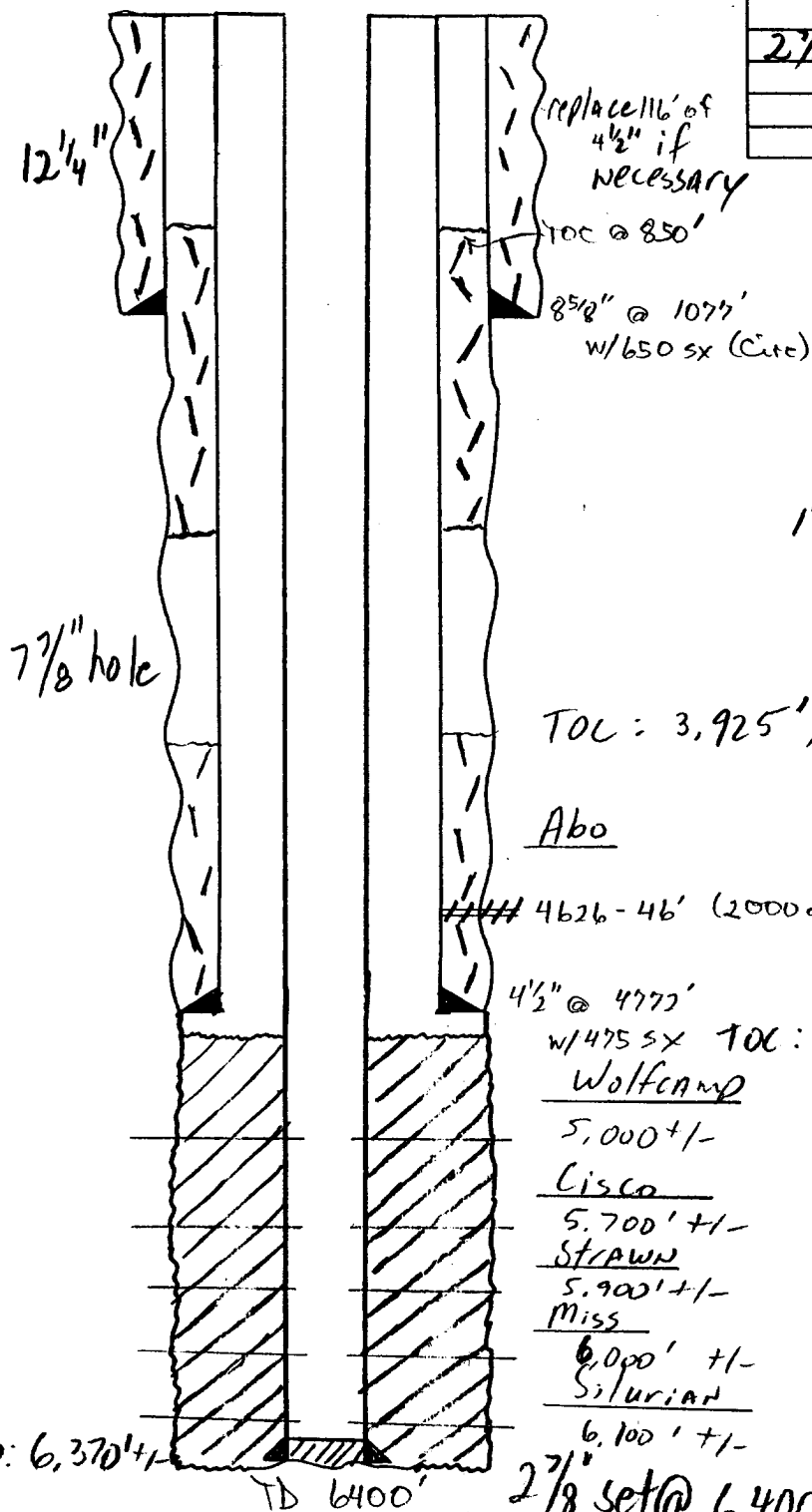


- SKETCH NOT TO SCALE -

5/27/03 Juf  
 DATE: 5-2-01 JS

WELLNAME: Aikman State 1 (McKay Oil) FIELD: Pecos Slope Abn  
 LOCATION: 660' S & 660' E P 36-65-26E Chaves County  
 GL: 3848' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3,860'  
 SPUD DATE: 11/14/82 COMPLETION DATE: \_\_\_\_\_  
 COMMENTS: P&A 3/17/99

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8" 24.0# J-55, ST J C	1072'
4 1/2" 11.6# K55, ST J C	4722'
2 7/8" 6.50# 14, L-80, Hydril C	6,400'



After

1" f/ 1,875' w/ 175 SACKS

TOL: 3,925', Temp survey

Abo

~~###~~ 4626-46' (2000 @) F: 60K gals & 81K lbs 27/40 SD,  
 592 e w/ 150 SKS if necessary

4 1/2" @ 4772'  
 w/ 475 SX TOL: 5,000 +/-

Wolfcamp

5,000 +/-

Cisco

5,700' +/-

Strawn

5,900' +/-

Miss

6,000' +/-

Silurian

6,100' +/-

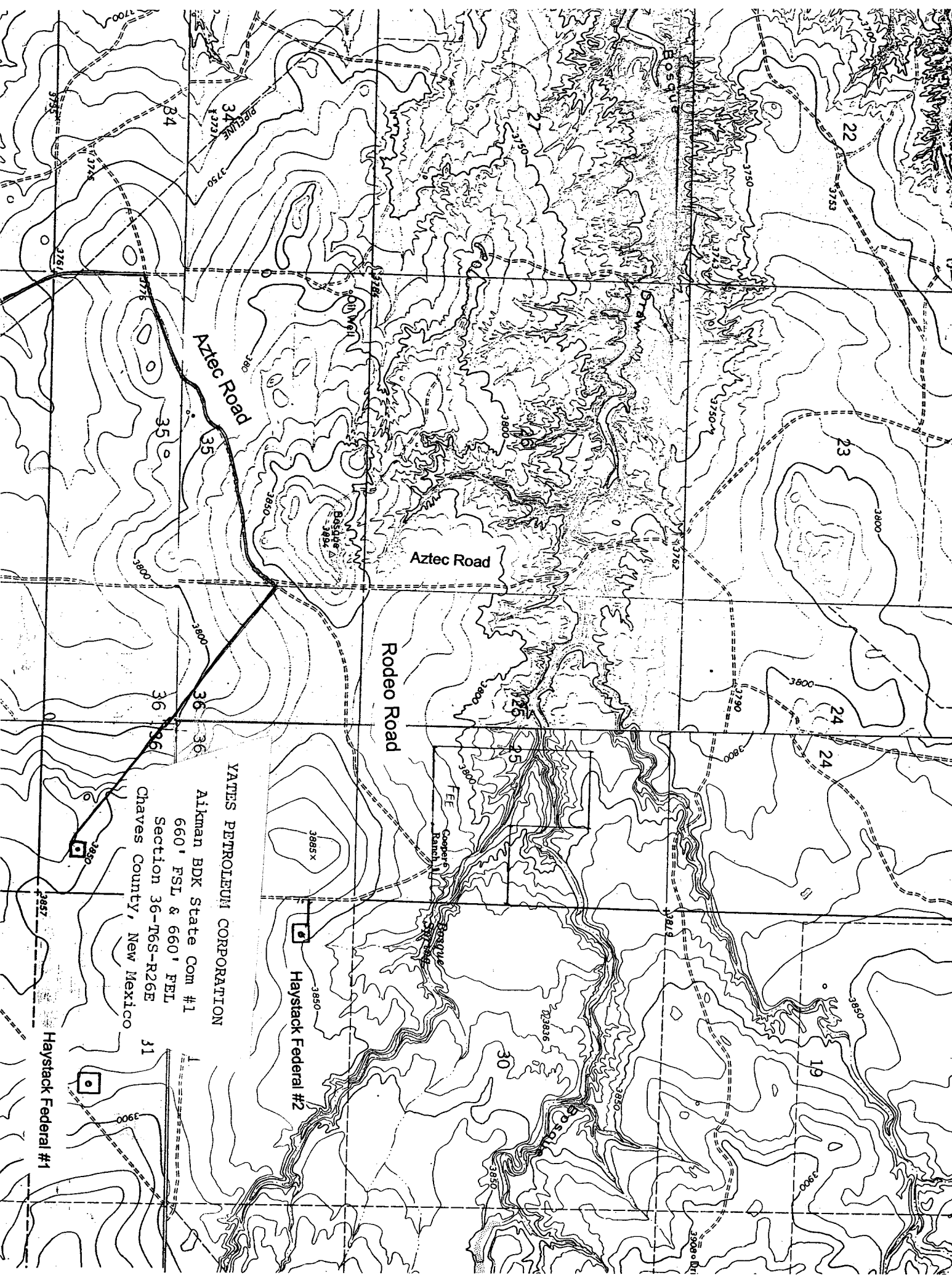
PBTD: 6,370' +/-

TD 6400'

2 7/8" set @ 6,400', cmt D w  
 SACK

700 +/- 5/27/03 JUP  
 DATE: 5-2-01 JS

- SKETCH NOT TO SCALE -



YATES PETROLEUM CORPORATION  
Alkman BDK State Com #1  
660' FSL & 660' FEL  
Section 36-T6S-R26E  
Chaves County, New Mexico

Haystack Federal #1

Haystack Federal #2

Rodeo Road

Aztec Road

Aztec Road

Cooper's Ranch

Cooper's Ranch

Cooper's Ranch