

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FOR APPROVAL  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name LC-065680
2. Name of Operator Orion Oil and Gas Properties	7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 2523, Roswell, NM 88202-2523	8. Well Name and No. Blackhawk Federal #6
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310' FSL & 1650 FEL NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Unit Letter J Section 23: T18S, R31E	9. API Well No. 30-015-25735
	10. Field and Pool, or Exploratory Area Shugart Y-7Rvrs-Q-GB
	11. County or Parish, State Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Re-entry
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Orion proposes to re-enter the above captioned well as follows:

1. Install wellhead.
2. DO surface plug.
3. DO plug from 300'-400'.
4. Perforate Queen zone 3465'-3474' & 3478'-3480' and perforate Penrose zone 3703'-3716'.
5. Acidize and frac both zones.
6. Begin flowback.

RECEIVED

AUG 17 1995

OIL CON. DIV.  
DIST. 2

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Partner Date 7/25/95  
(This space for Federal or State office use)  
Approved by /s/ Yolanda Vega Title ASSISTANT AREA MANAGER Date AUG 15 1995  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED



P. O. BOX 2523, ROSWELL, NEW MEXICO 88202

TELEPHONE (505) 622-2202

FAX (505) 623-1440

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

Orion Oil and Gas Properties  
P.O. Box 2523  
Roswell, NM 88202-2523

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No. LC-065680

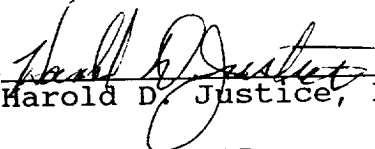
Legal Description of Land: Section 23, T18S, R31E  
2310' FSL & 1650' FEL  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Unit Letter J  
Eddy County, New Mexico

Formations: Queen and Penrose

Bond Coverage: \$10,000 individual lease bond

BLM Bond File No.: Pending

Signed

  
Harold D. Justice, Partner

Date: July 27, 1995

cc:file

**N MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

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

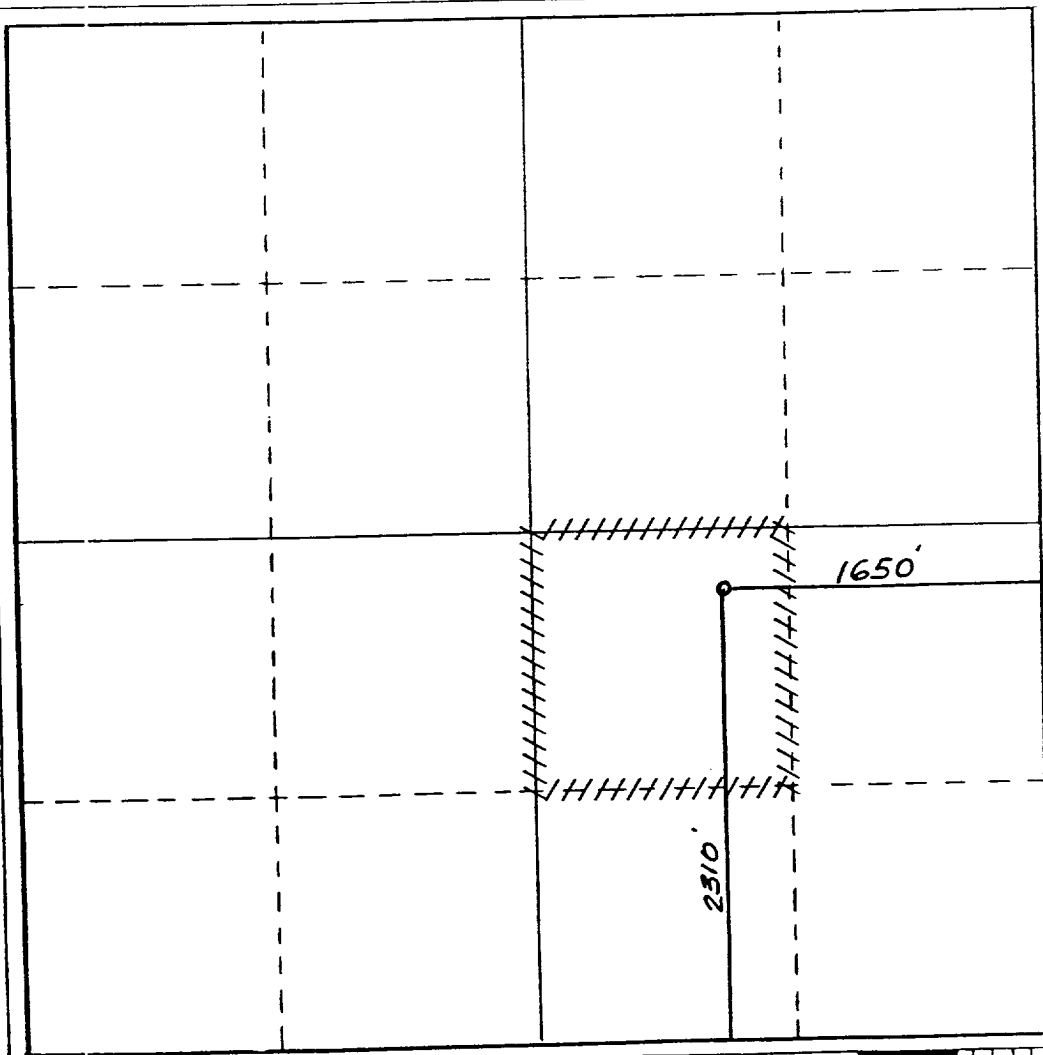
Operator <b>SIETE OIL AND GAS CORPORATION</b>			Lease <b>Blackhawk Federal</b>		Well No. <b>6</b>
Unit Letter <b>J</b>	Section <b>23</b>	Township <b>18 South</b>	Range <b>31 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3678.</b>	Producing Formation <b>Queen &amp; Penrose</b>		Pool <b>Shugart Y-7Rvrs-Q-GB</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 working interest and royalty).
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 Commission.



**CERTIFICATION**

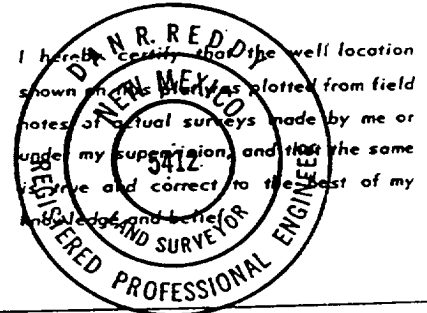
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Harold D. Justice*  
 Name \_\_\_\_\_

**Partner**  
 Position \_\_\_\_\_

**Orion Oil & Gas Properties**  
 Company \_\_\_\_\_

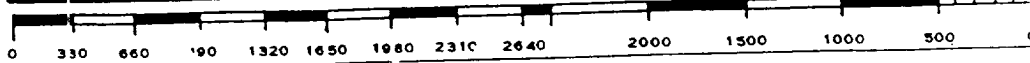
**July 25, 1995**  
 Date \_\_\_\_\_



Date Surveyed  
**February 18, 1987**

Registered Professional Engineer  
 and/or Land Surveyor

*Dan R. Reddy*  
 Certificate No.  
**NM PE&LS NO. 5412**



SUPPLEMENTAL DRILLING DATA  
ORION OIL AND GAS PROPERTIES  
BLACKHAWK FEDERAL #6  
2310' FSL & 1650' FEL  
Section 23: T18S, R31E  
Eddy County, New Mexico  
Lease Number: LC-065680

The following items supplement "Onshore Oil and Gas Order No. 1":

1. The geologic surface is quaternary.

2. The estimated geological marker tops:

B/Salt	2126'
Yates	2590'
Queen	3470'
Grayburg	3945'

3. Estimated depths to water, oil or gas:

Water:	Approx. 200'
Oil or Gas:	3400'

4. Existing casing program:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>New or Used</u>
8 5/8"	0'-350'	24#	J-55	ST&C	Used
5 1/2"	0'-4500'	15.5#	J-55	ST&C	Used

5. Pressure Control Equipment: The blowout preventer will be a double ram type preventer. A sketch is attached.

6. Mud Program:

0-TD: Drill with a cut brine system, add starch and salt hel to maintain a viscosity of 35; @ TD 40; mud weight 10.0.

7. Auxiliary Equipment: A kelly cock will be installed on the rig floor while drilling operations are in progress.

8. Testing & coring programs: None anticipated.  
Logging: None anticipated.

9. No abnormal pressures or temperature zones are anticipated. There has not been H2S encountered while drilling formations from surface to T.D. Therefore, we do not have any contingency plans for this well.

10. Anticipated starting date: Commence building location ASAP upon BLM approval.

SURFACE USE PLAN  
FOR  
DRILLING, COMPLETING AND PRODUCING

ORION OIL AND GAS PROPERTIES  
Blackhawk Federal #6  
2310' FSL & 1650' FEL  
Section 23: T18S, R31E  
Eddy County, New Mexico  
Lease Number: LC-065680

LOCATED: 14.75 miles East of Loco Hills, New Mexico

FEDERAL LEASE NUMBER: LC-065680

LEASE ISSUED: June 1, 1951 - Held by Production

RECORD LESSEE: 18-31, Inc.

BOND COVERAGE: \$10,000 Bond of Orion Oil and Gas Properties

ACRES IN UNIT: 120

SURFACE OWNERSHIP: Federal

GRAZING PERMITTEE: Virgil Linan Estate

POOL: Shugart Y-7Rvrs-Q-GB

EXHIBITS:

- A. Area Road Map
- B. Topographic Map Showing Access Route
- C. Lease Map Showing Well Site
- D. Sketch of Well Pad

## ROAD LOG TO PROPOSED DRILLSITE

Starting point is on US Highway 82 at Loco Hills, New Mexico:

0.00	Proceed East on Highway 82 for 6.0 miles.
6.00	Turn South on Highway 31 and proceed 4.0 miles.
10.00	Turn Southeast and proceed 4.0 miles.
14.00	Turn North and proceed 1.0 mile.
15.00	Turn West and proceed .50 miles.
15.50	Turn South to Blackhawk Federal #1.
15.60	Turn Southwest to Blackhawk Federal #3.
15.80	From Blackhawk Federal #3 turn West .25 miles to Blackhawk Federal #5.
16.05	From Blackhawk Federal #5 go West .25 miles.
16.30	Location.

### THIRTEEN POINT PROGRAM

#### 1. EXISTING ROADS:

- A. Existing access roads, which lead to the proposed drillsite, are shown on Exhibits "A" & "B".

#### 2. PROPOSED NEW ROAD:

- A. No new access road will be necessary. Existing access road will be upgraded according to BLM specifications. No new surface disturbance for road or pad will be made. The access road will enter the Southeast corner of the pad, as displayed on Exhibit 'D'.

B. Surfacing Materials: Caliche

C. Maximum Grade: None required

D. Turnouts: None required

E. Drainage Design: None required

F. Culberts: None required

G. Cuts and Fills: Less than 3'

H. Gates and Cattleguards: None required

#### 3. LOCATION OF EXISTING WELLS:

- A. Existing wells are shown on Exhibit "C".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. If well is productive, we will construct a tank battery on location.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. A water supply well is not planned. Water will be purchased and hauled to the well site over existing roads. After completion, 2" polyurethane pipe will be laid on surface along the access road to the Blackhawk Fed. #5 to be used for injection water for injection wells in the area.

#### 6. SOURCE OF CONSTRUCTION MATERIALS:

- A. Construction materials will be obtained from a federal pit located in Section 25, T18S, R31E, NW $\frac{1}{4}$ NW $\frac{1}{4}$ .

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.

- C. Water produced during tests will be disposed of in the drilling pits.
- D. Oil or condensate produced during tests, will be put into frac tanks.
- E. Trash, waste paper, garbage and junk will be stored in a trash trailer. All waste material will be contained to prevent scattering by the wind. Afterwards, it will be disposed of in an approved landfill.

8. ANCILLARY FACILITIES:

- A. If needed, Orion will tie-in to existing facilities located on lease at the Blackhawk Federal #5 (Sec. 23, T18S, R31E, NE $\frac{1}{4}$ SE $\frac{1}{4}$ ) using a 25 KV electric line.

9. WELLSITE LAYOUT:

- A. The dimensions and location of the well site and mud pits with respect to the wellbore are shown on Exhibit "D".
- B. The wellsite is nearly level and will not require any cut or fill. The well pad will be surfaced with caliche.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of re-entry and/or completion operations, all equipment and other materials not needed for operations will be removed. Pits will be filled and the location cleansed of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, all equipment, trash and junk will be removed and the location cleaned. Any special rehabilitation and/or special revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible.

11. OTHER INFORMATION:

- A. Topography: The surface is relatively flat.
- B. Soil: Sand Loam.
- C. Flora and Fauna: Vicinity surrounding the drillsite is semi-arid desert rangeland. Vegetation is thinly scattered with desert shrubs interspersed with a small amount of native grasses. No wildlife was observed, rodents, coyotes, dove or quail.
- D. Ponds and Streams: None in the area.
- E. Residences and other structures: None in the area.



F. Archaeological, Historical and Other Cultural Sites: None were observed in this area. The pad area was archaeologized on February 18, 1987.

G. Land Use: Grazing and occasional hunting.

12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

Harold D. Justice  
Petroleum Building, Suite 200  
200 West First  
Roswell, New Mexico 88202  
Office: 622-2202  
Home: 625-0072

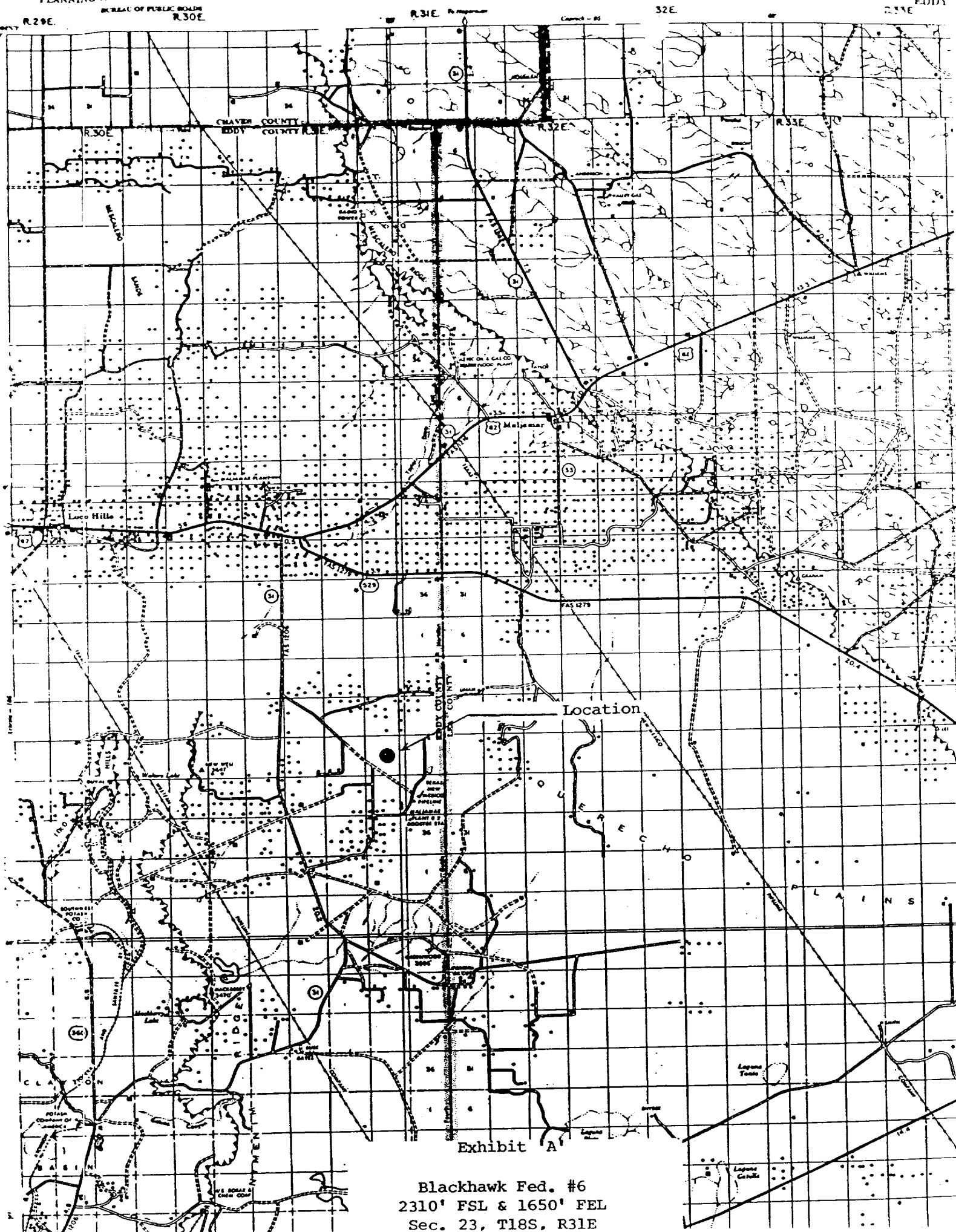
13. CERTIFICATION:

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 currently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with operations proposed herein will be performed by SIETE OIL AND GAS CORPORATION and its 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.

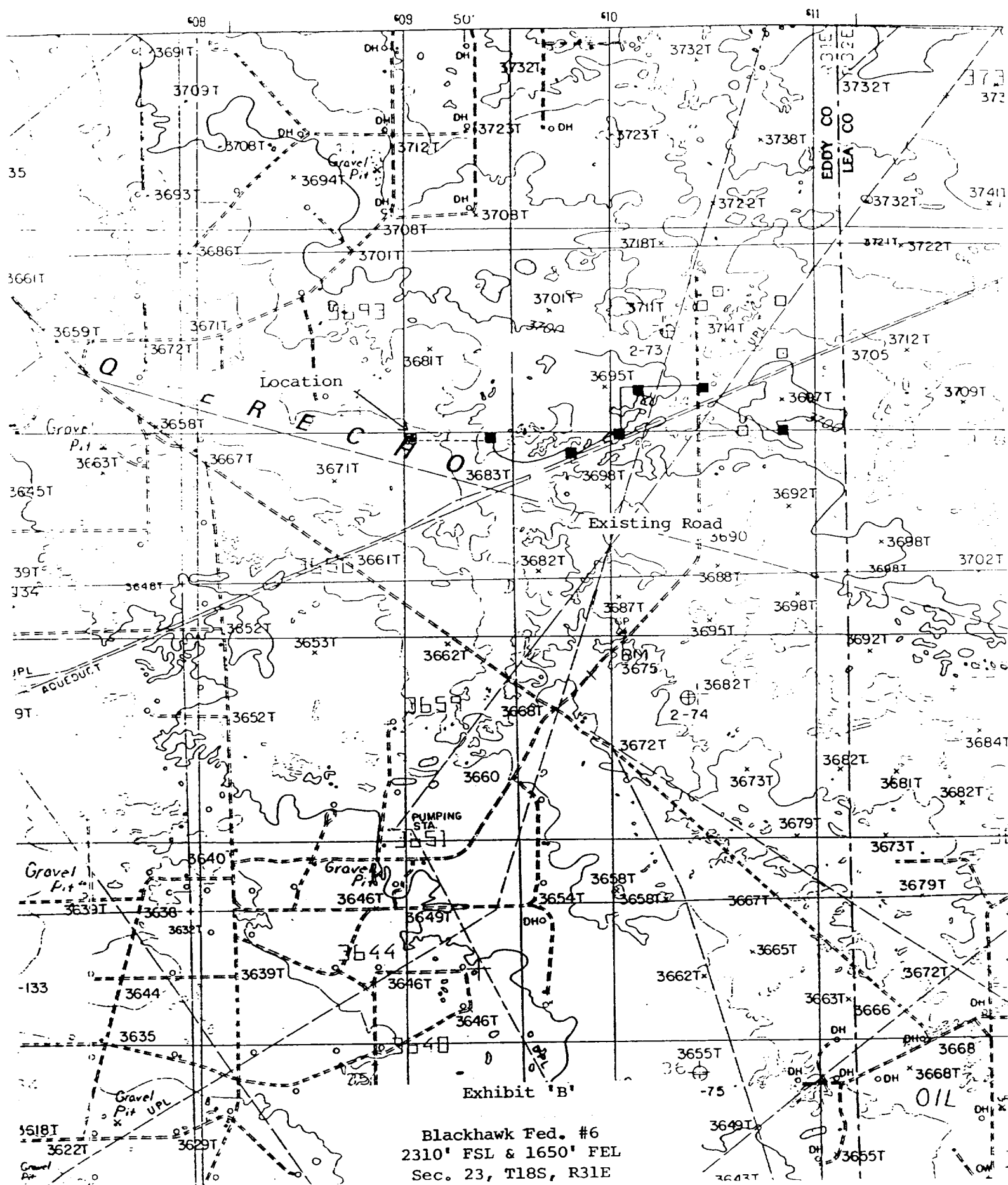
**SIETE OIL AND GAS CORPORATION**

Date: 7/25/95

BY: Harold D. Justice CGS  
Harold D. Justice  
Partner



Blackhawk Fed. #6  
2310' FSL & 1650' FEL  
Sec. 23, T18S, R31E



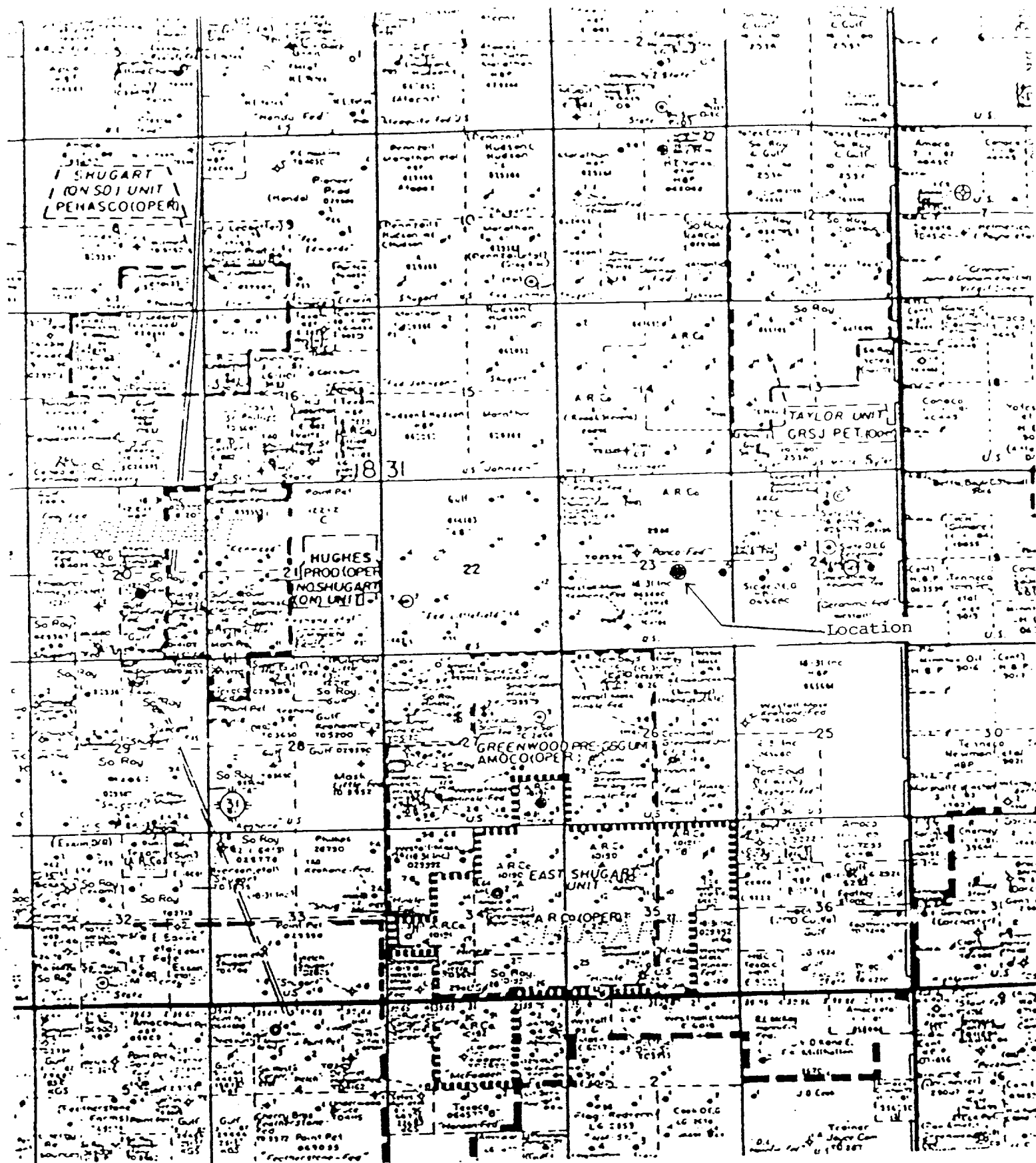
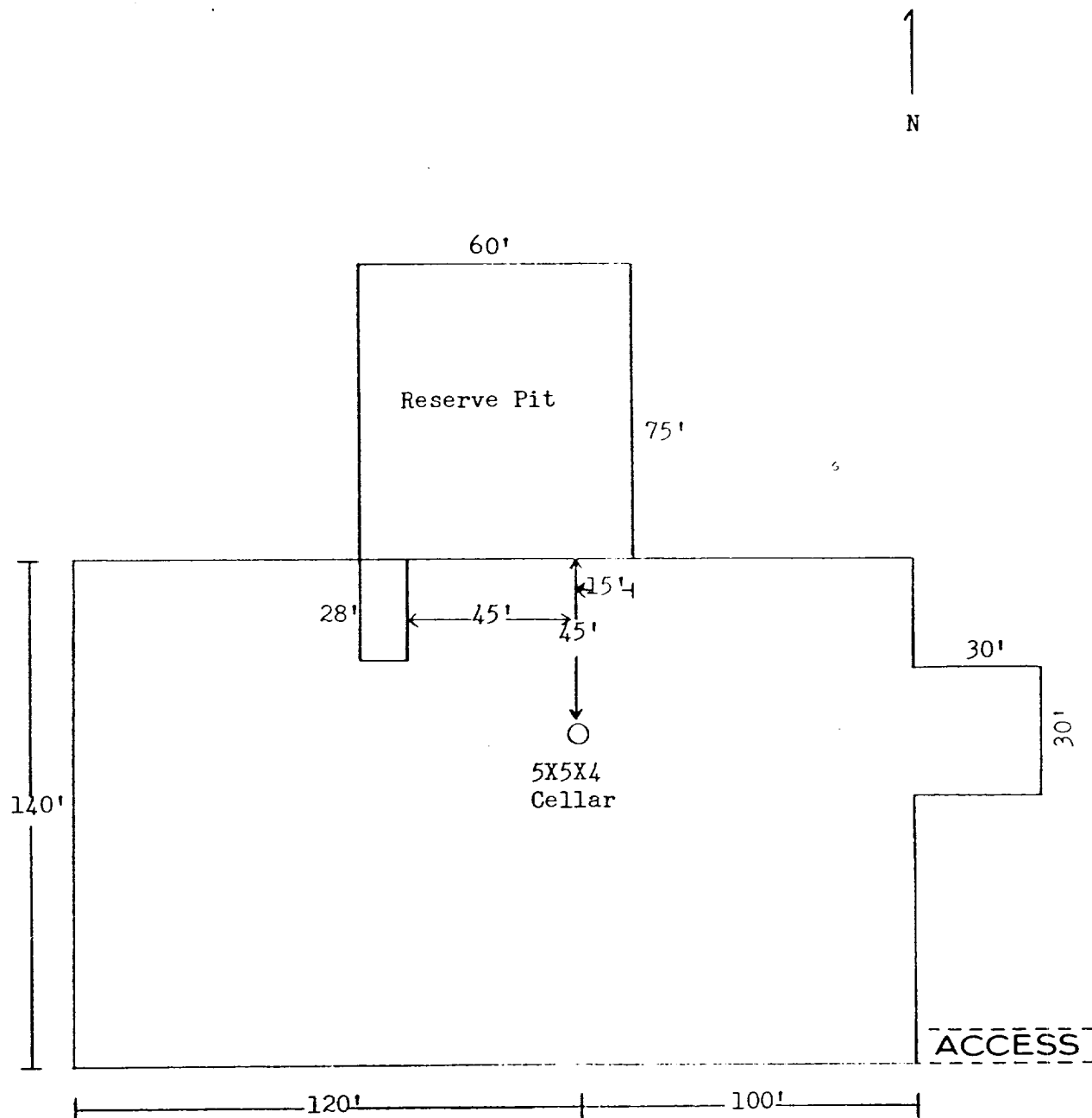


Exhibit 'C'

Blackhawk Federal #6  
2310° FSL & 1650° FEL  
Sec. 23, T18S, R31E



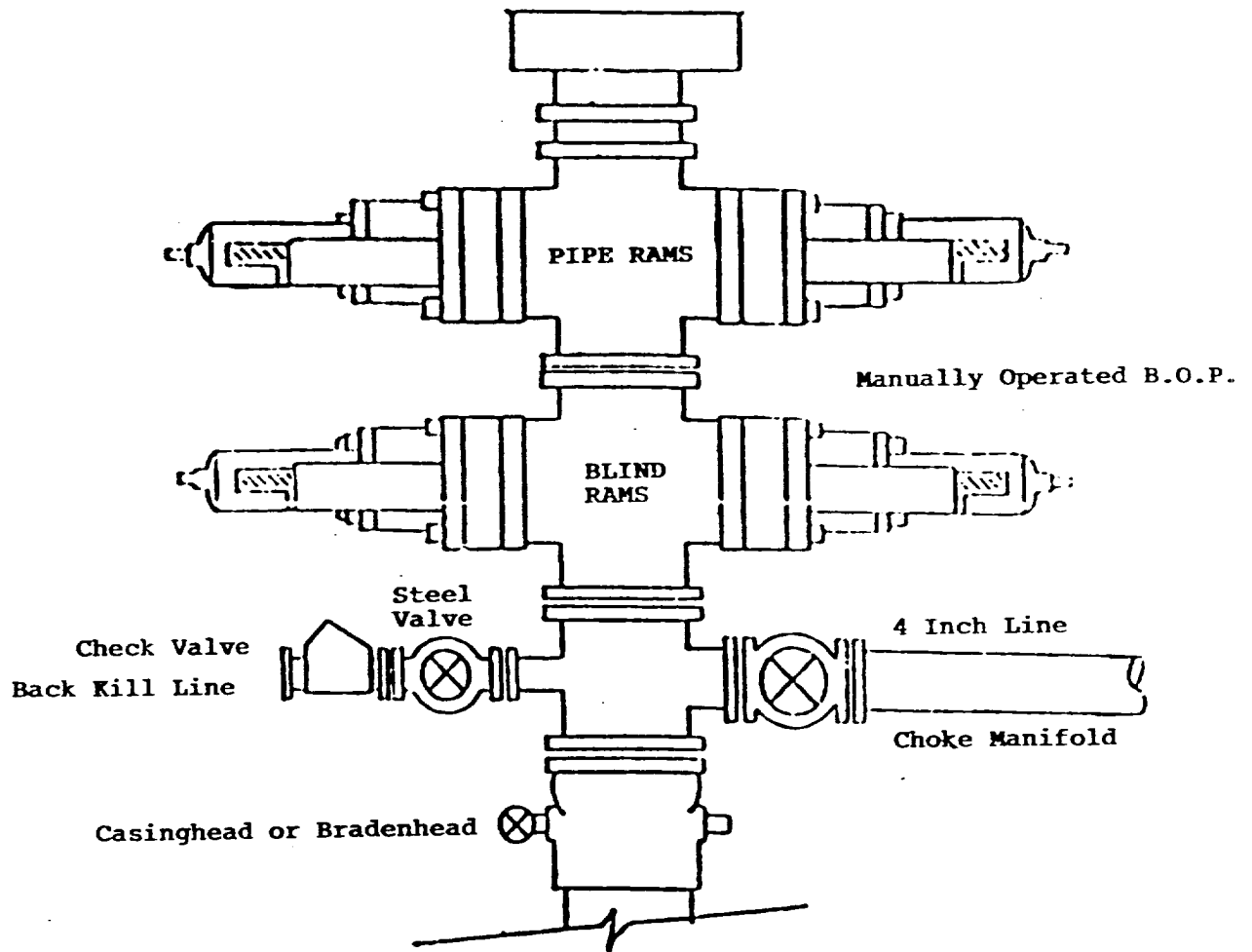
I&M Drilling Rig No. 1

Exhibit 'D'

Blackhawk Fed. #6  
2310' FSL & 1650' FEL  
Sec. 23, T18S, R31E

BOP DIAGRAM

RATED 3000#



BLACKHAWK FED. 6  
SEC: 23 T18S R31E  
RE-ENTRY

Existing Well Data

50' CEMENT PLUG @ SURFACE

100' CEMENT PLUG FROM 300' TO 400'

SURFACE CASING 8 5/8" SET @ 350' (CIRCULATED)

CAST IRON BRIDGE PLUG SET @ 4200' PLUS 35' CEMENT  
EXISTING GRAYBURG PERFORATIONS 4214' - 4229'

5 1/2" 15.5# set @ 4500' cemented with  
2200 s cs (cement circulated)

Proposed Prognosis

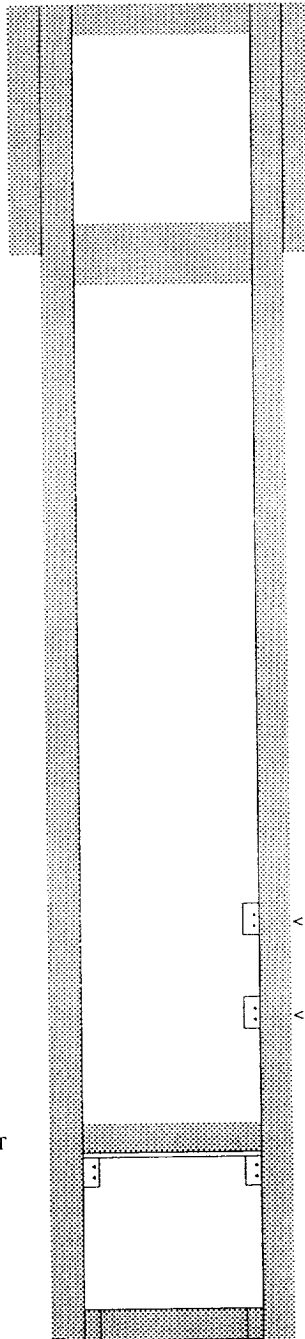
INSTALL WELLHEAD

DRILL OUT SURFACE PLUG

DRILL OUT PLUG FROM 300' TO 400'

< PERFORATE QUEEN ZONE  
3465' TO 3474' & 3475' TO 3480'

< PERFORATE PENROSE ZONE  
3703' TO 3716'  
ACIDIZE & FRAC BOTH ZONES  
TEST ZONES

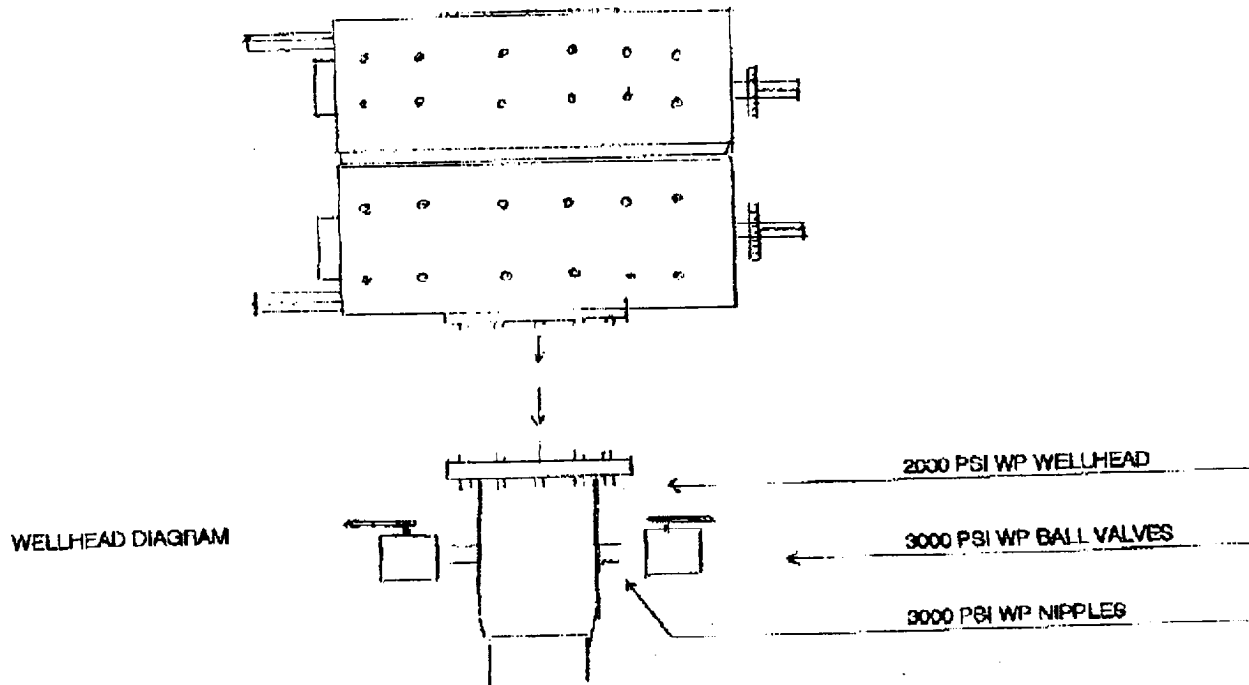


**ORION OIL & GAS PROPERTIES**

**BLACKHAWK FEDERAL #8**  
**SECTION 23, T10S - R91E**  
**RE-ENTRY**

**BOP & WELLHEAD DIAGRAM**

Sentinel Double Ram BOP Manual Operated  
Top Ram = Blinds  
Bottom Ram = 2 3/8" Pipe





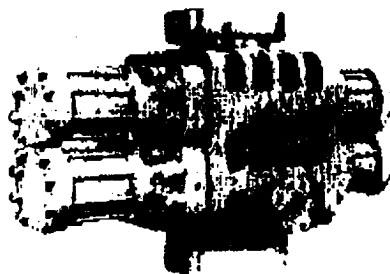
5212

**SHAFFER PRESSURE CONTROL Ram Blowout Preventers****RAM BLOWOUT PREVENTERS FOR EVERY APPLICATION**

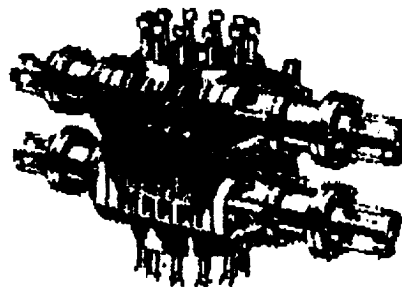
There are four basic models of Shaffer ram blowout preventers. SL models are generally offered in the larger bore and higher working pressure sizes used in subsea and deep drilling applications; LWS models are primarily used in land operations; LWP models are chiefly used for

production and workover applications; and Sentinel™ models are ideal for well servicing, workover and low pressure drilling operations. The table below lists sizes and models available at the time this catalog went to press.

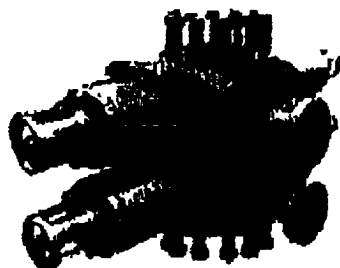
Working Pressure (psi)	RAM BOP SIZE AND MODELS								
	Bore (in.)								
	4 1/2	7 1/2	8	11	13 1/2	16 1/2	18 1/2	20 1/2	24 1/2
15,000									
10,000									
8,000									
5,000									
3,000									
2,000									



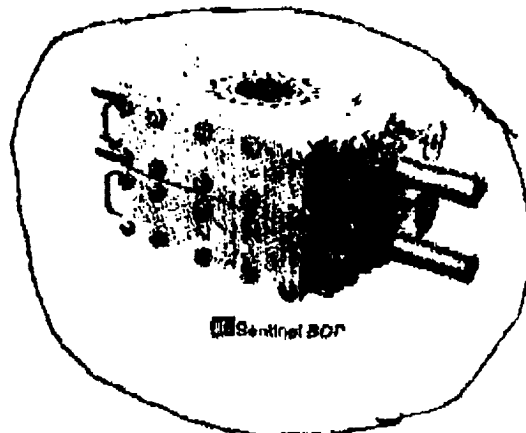
Model SL BOP



Model LWP BOP



Model LWS BOP



Sentinel BOP