Form 3160-3
(December 1990)

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM 0207950
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Com No. SW-247
8. FARM OR LEASE NAME, WELL NO.: Ross Federal No. 6
9. API WELL NO.: 30-015-33429
10. FIELD AND POOL, OR WILDCAT: Cemetary Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 4, T21S, R24E
12. COUNTY OR PARISH: Eddy
13. STATE: NM

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Fasken Oil and Ranch, Ltd.

3. ADDRESS AND TELEPHONE NO.: 303 W. Wall, Suite 1800, Midland, TX 79701 (432) 687-1777

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1980' FNL, 660' FEL
At proposed prod. zone

RECEIVED
MAY 21 2004
OCD-ARTESIA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 11 miles southwest of Lakewood

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	924.80	320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	9850'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3724' GR

22. APPROX. DATE WORK WILL START*: May 1, 2004

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8", H-40	48#	400'	400 sx (circulate) WITNESS
12 1/4"	9 5/8", J-55	36#	3000'	800 sx (circulate) WITNESS
8 3/4"	4 1/2", N-80	11.6#	9850'	1100 sx TOC 6000'

Fasken Oil and Ranch, Ltd. proposes to drill the Ross Federal No. 6 to a depth sufficient to test the Morrow formation. If productive, 4-1/2" casing will be set at TD and cemented back to approximately 6,000'. If non-commercial, the well will be plugged and abandoned in accordance with Federal regulations.

CARLSBAD CONTROLLED WATER BASIN

Drilling Program:
Surface Use and Operating Plan
Exhibit No. 1 - Area Maps
Exhibit No. 2 - One-Mile Radius Map
Exhibit No. 3 - Hydrogen Sulfide Drilling Operations Plan
Exhibit No. 4 - Well Site Layout
Exhibit No. 5 - Blowout Preventer Equipment

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED [signature] TITLE Regulatory Affairs Coordinator DATE 03/17/04

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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:

ACTING

APPROVED BY /s/ Joe G. Lara TITLE FIELD MANAGER DATE 20 MAY 2004

*See Instructions On Reverse Side

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

APPROVAL FOR 1 YEAR

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 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	74640	Cemetary Morrow

Property Code	Property Name	Well Number
	ROSS FEDERAL	6

OGRID No.	Operator Name	Elevation
151416	FASKEN OIL & RANCH, LTD.	3724'

Surface Location

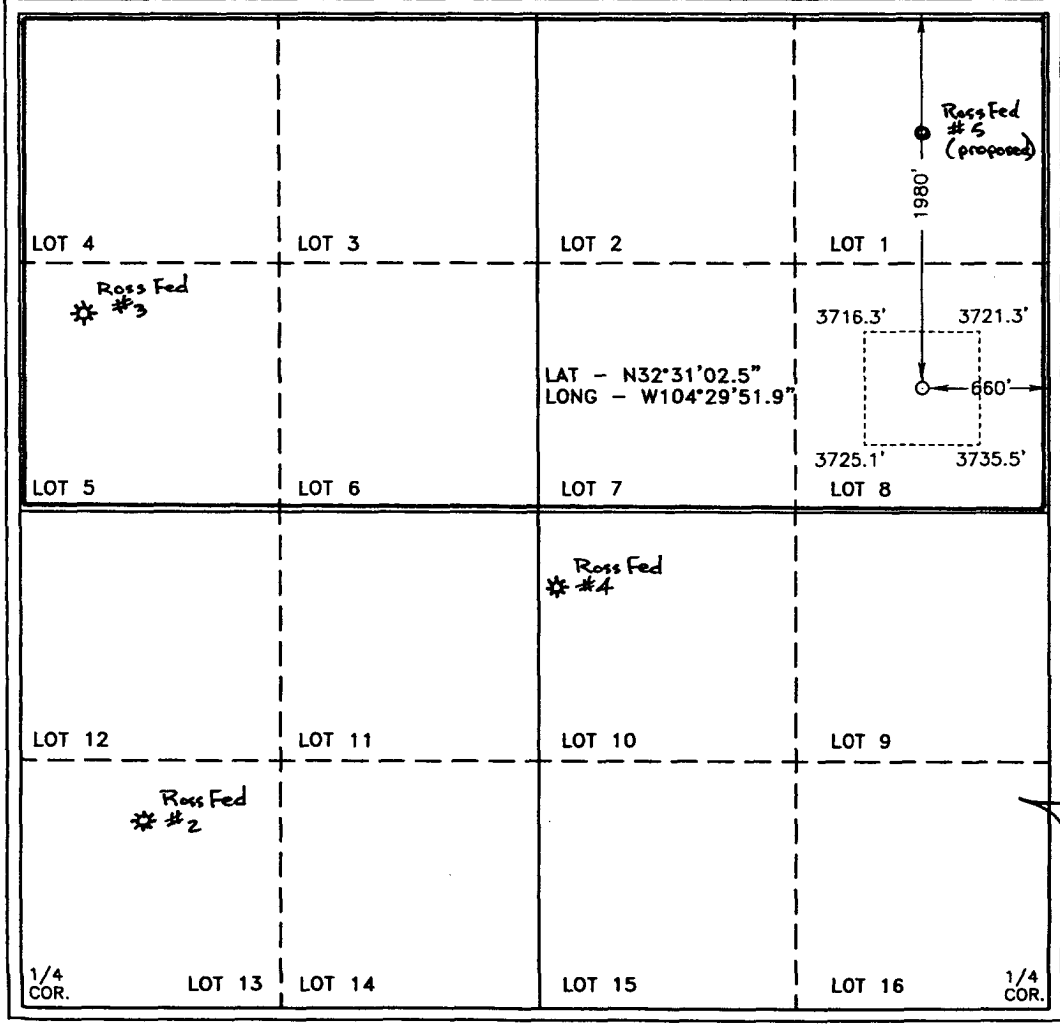
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 8	4	21 S	24 E		1980	NORTH	660	EAST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
320		/	Com. No. SW-247

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



OPERATOR CERTIFICATION

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

Signature

Jimmy D. Carlile
Printed Name

Regulatory Affairs Coord.
Title

3/17/04 jimmyc@forl.com
Date

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 supervison, and that the same is true and correct to the best of my belief.

FEBRUARY 26, 2004
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL SURVEYOR

W.O. No. 4037

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SURFACE USE PLAN
Fasken Oil and Ranch, Ltd.
Ross Federal No.6
1980' FNL & 660' FEL
Sec. 4, T21S, R24E
Eddy County, New Mexico

1. EXISTING ROADS - Area map, Exhibit #1, is a reproduction of the U.S.G.S., Foster Ranch N.M. Quadrangle. Existing and proposed roads are shown on the exhibit. All roads shall be maintained in a condition equal to that which existed prior to start of construction.

   A. Exhibit #1 shows the proposed development well site as staked.

   B. From Carlsbad, New Mexico, travel North on U.S. Highway 285 for 15 miles. Turn West on White Pine road and go 6 miles. Turn Southeast on calchie road and go ¼ mile to the Yates Mystery AYM Federal No. 1 location, Turn West and go 400', turn South and follow caliche raod 0.7 miles to location.

2. PLANNED ACCESS ROADS – 1537' of new access road will be constructed and 2546' of existing ranch road will be improved.

3. LOCATION OF EXISTING WELLS IN A ONE-MILE RADIUS.

   A. Water wells - None known.

   B. Disposal wells - None Known.

   C. Drilling wells - None known.

   D. Producing wells - As shown on Exhibit #2

Fasken Oil and Ranch, Ltd.:	Ross Federal No. 1
Fasken Oil and Ranch, Ltd.:	Ross Federal No. 2
Fasken Oil and Ranch, Ltd.:	Ross Federal No. 3
Fasken Oil and Ranch, Ltd.:	Ross Federal No. 4
Fasken Oil and Ranch, Ltd.:	Howell State Com. No. 2
Yates Petroleum Corp.:	Dazed BDZ Federal Com. No. 1
Yates Petroleum Corp.:	Mystery "AYM" Federal No. 1
Yates Petroleum Corp.:	Bamboozled "BBX" Federal No. 1

   E. Abandoned wells - As shown on Exhibit #2.

Fasken Oil and Ranch, Ltd.:	Howell No. 1
Whiting & Grant:	Howell No. 1
Sanders:	Riggs No. 1
N. H. Wills	Wills No. 1
Resler:	McKee No. 1X
Gulf:	Jones Federal No. 1
Trojan:	Grant No. 1

4. If, upon completion, the well is a producer Fasken Oil and Ranch, Ltd. will furnish maps or plats showing "On Well Pad Facilities" and "Off Well Pad Facilities" (if needed) on a Sundry Notice before construction of these facilities starts.

5. LOCATION AND TYPE OF WATER SUPPLY

Fresh and Brine water will be purchased locally from a private source and trucked over the access roads.

6. SOURCE OF CONSTRUCTION MATERIALS

If needed, construction materials will be obtained from the drill sites excavations or from a local source. These materials will be transported over the access roads as shown on Exhibit #1.

7. METHOD FOR HANDLING WASTE DISPOSAL

A. 1. Drill cuttings will be disposed of in the reserve pit.

2. Trash, waste paper, and garbage will be contained in a trash trailer and disposed of in an approved public landfill.

3. All mud materials including salts will be picked up by the mud supplier and transported back to their warehouse facilities.

4. Sewage from trailer houses will drain into hole with a minimum depth of 10'. A "Porta John" will be provided for the rig crews. This will be properly maintained and removed after drilling operations are completed.

5. Chemicals remaining after completion of the well will be stored in the manufacturer containers and picked up by the supplier.

B. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling. In the event drilling fluids will not evaporate in a reasonable period of time, they will be transported by tank truck to a state approved disposal site.

Water produced during testing of the well will be disposed of in the reserve pit. Oil produced during the testing of the well will be stored in test tanks until sold and hauled from the site.

8. ANCILLARY FACILITIES

No camps or airstrips will be constructed.

9. WELL SITE LAYOUT

A. Exhibit #3 is the H_2S Drilling Operations Plan.

B. Exhibit #4 (Scale 1" = 50') shows the proposed well site layout.

C. This exhibit indicates the proposed location of reserve pit, trash trailer and living facilities.

D. Mud pits in the active circulation system will be steel pits.

E. The reserve pit will be lined with a polyethylene liner. The pit liner will be a minimum of 2' over the reserve pit walls where the liner will be anchored down.

F. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion operations. The fourth side will be fenced after drilling has been completed. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location pad and surface facilities. After the area has been shaped and contoured, top soil from the spoil pile (if any) will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be recontoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

11. OTHER INFORMATION

A. The topography is of hilly terrain with vegetation of sagebrush and native grasses. The soils are silty and very shallow.

B. The surface is used for livestock grazing. The surface is leased by Richard Howell, P.O. Box 94, Lakewood, NM 88256

C. An archeological study over this location, road and proposed pipeline has been prepared and is attached herewith.

D. There are no buildings of any kind in the area.

12. OPERATOR'S REPRESENTATIVE - Field representative for contact regarding compliance with the Surface Use Plan is:

Before, during & after Construction:

Tommy E. Taylor
303 W. Wall Ave., Suite 1900
Midland, Texas 79701-5116
(915) 687-1777

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 exists; 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 Fasken Oil and Ranch, Ltd. and its contractors/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.

NAME: Tommy E. Taylor
DATE: 3/16/04
TITLE: Drilling and Production Engineer
TET
(Ross6apd)

APPLICATION FOR PERMIT TO DRILL
FASKEN OIL AND RANCH, LTD.
Ross Federal No. 6
1980' FNL & 660' FEL
SEC. 4, T21S, R24E
EDDY COUNTY, NM

In conjunction with Form 3160-3, Application for Permit to Drill, Fasken Oil and Ranch, Ltd. submits the following items of pertinent information in accordance with Onshore Oil & Gas Order Nos. 1 & 2, and with all other applicable federal and state regulations.

1. The geologic surface formation is of Permian age.

2. Estimate tops of geologic markers are as follows:

San Andres	750'
Glorietta	2450'
Bone Springs	3400'
3rd Bone Spring Sand	6400'
Wolfcamp	6500'
Cisco	7300'
Canyon	7600'
Strawn	8100'
Atoka	8900'
Morrow	9300'

3. The estimated depths at which water, oil or gas formation are expected to be encountered:

Cisco	7400'	Oil/Gas
Strawn	8100'	Gas
Atoka	8900'	Gas
Morrow	9300'	Gas

* Groundwater to be protected by 13-3/8" surface casing with cement circulated to the surface.
** Potentially productive horizons to be protected by 4-1/2" production casing with cement tied back to 6000'.

4. Proposed Casing Program:

String	Footage	Size	Weight	Grade	Thread
Surface	400'	13-3/8"	48.00#	H-40	ST&C
Intermediate	3,000'	9-5/8"	36.00#	J-55	ST&C
Production	9,850'	4-1/2"	11.60#	N-80	LT&C
Tubing	9,750'	2-3/8"	4.70#	N-80	EUE 8rd

5. Proposed Cementing Program:

Cement 13-3/8" casing with 400 sx Class "C" cement with 2% CaCl2 (s.w. 14.8 ppg, yield 1.32 cuft/sx).

Cement 9-5/8" casing with 600 sx Class "C" with 4% gel and 2% $CaCl_2$ (s.w. 13.51 ppg, yield 1.74 ft^3/sx) plus 200 sx Class "C" with 2% $CaCl_2$ (s.w. 14.8 ppg, yield 1.34 ft^3/sx).

Cement 4-1/2" production casing (resin coated and centralized through pay zones) with 1100 sx Super "C" Modified (CSE) with 5% Salt, 0.6% FL-25 and 0.6% FL-52 (s.w. 13.2 ppg, yield 1.58 ft^3/sx). Estimate TOC at 6000'.

6. Pressure Control Equipment: See exhibit #5. Operator request variance and proposes to pressure test BOP stack with rig pump to 1500 psig prior to drilling out the 9-5/8" casing shoe. BOP hydrotest will be conducted on first bit trip or prior to drilling the Wolfcamp formation. Operator requests variance and proposes to use only one ram type or annular type preventor to drill the intermediate hole to 3000'.

7. Mud Program:

Depth	Type	Weight	Viscosity	Waterloss
0-400'	Fresh Water	8.5	40	N.C.
400'-5000'	Fresh Water	8.5	28	N.C.
5000'-8400'	Cut Brine	9.0	29	N.C.
8400'-9850'	Gel/Starch/PAC	9.5-10.0	36	10 cc

8. Auxiliary Equipment: Upper Kelly Cock, Full Opening Stabbing Valve, PVT.

9. Testing Logging and Coring Programs:

- DST's: DST any mudlog shows.

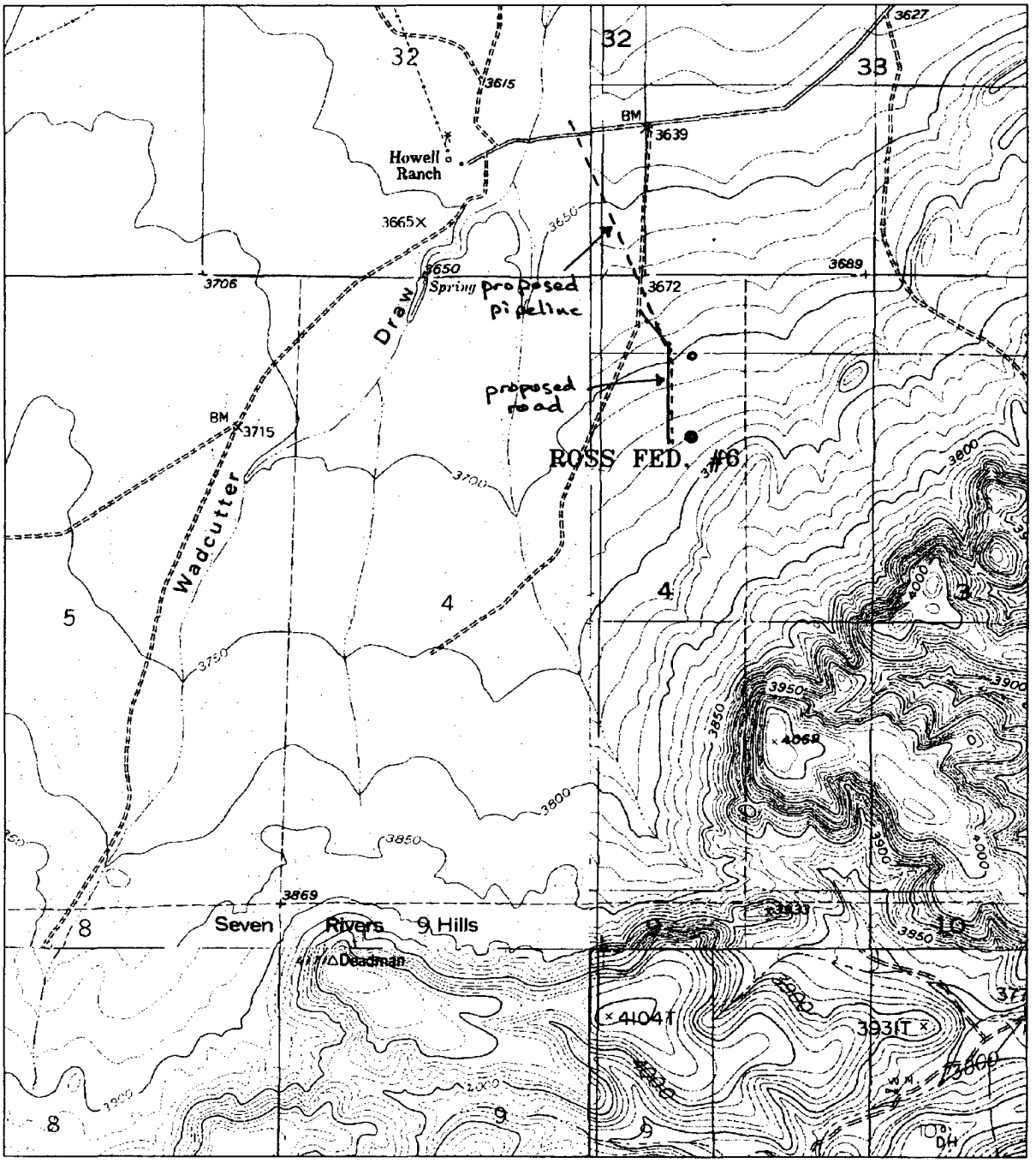
- Logging: 2-man Mudlogging unit from 5000' to T.D.

- Electric Logs: Platform Express with CNL-LDT, DLL-MSFL, GR and Caliper.

- Coring: None anticipated

10. Abnormal Pressure, Temperatures or Other Hazards: Lost circulation is anticipated in the surface. Maximum bottomhole pressure is estimated to be 4875 psig.

11. Anticipated Starting Date: May 1, 2004.



ROSS FEDERAL #6
1980' FNL & 660' FEL
Section 4, Township 21 South, Range 24 East,
N.M.P.M., Eddy County, New Mexico.

basin surveys
focused on excellence in the oilfield

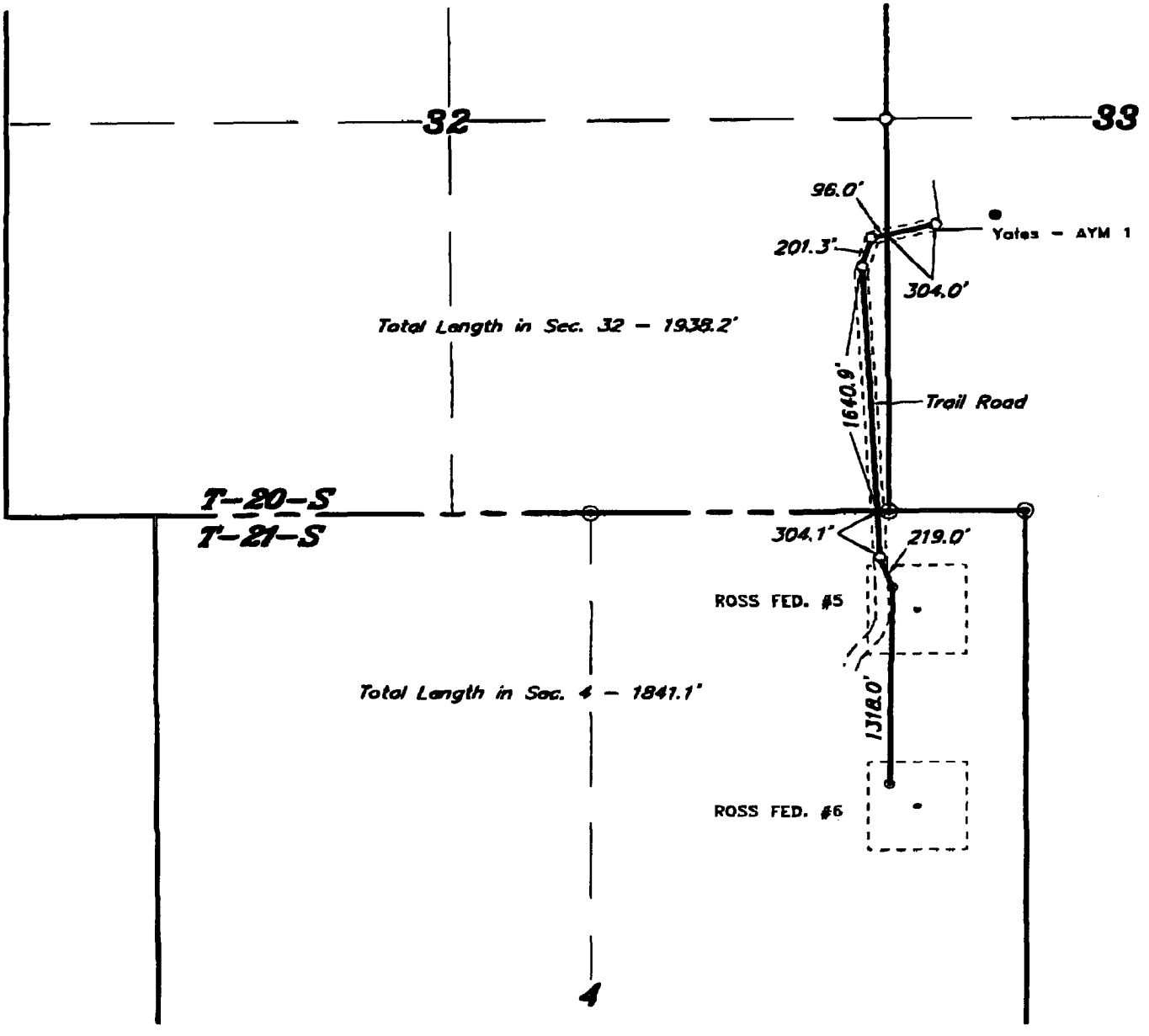
P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	4037AA - KJG CD#6
Survey Date:	02-26-2004
Scale:	1" = 2000'
Date:	02-27-2004

FASKEN OIL & RANCH, LTD.

SECTION 4, TOWNSHIP 21 SOUTH, RANGE 24 EAST, N.M.P.M.,

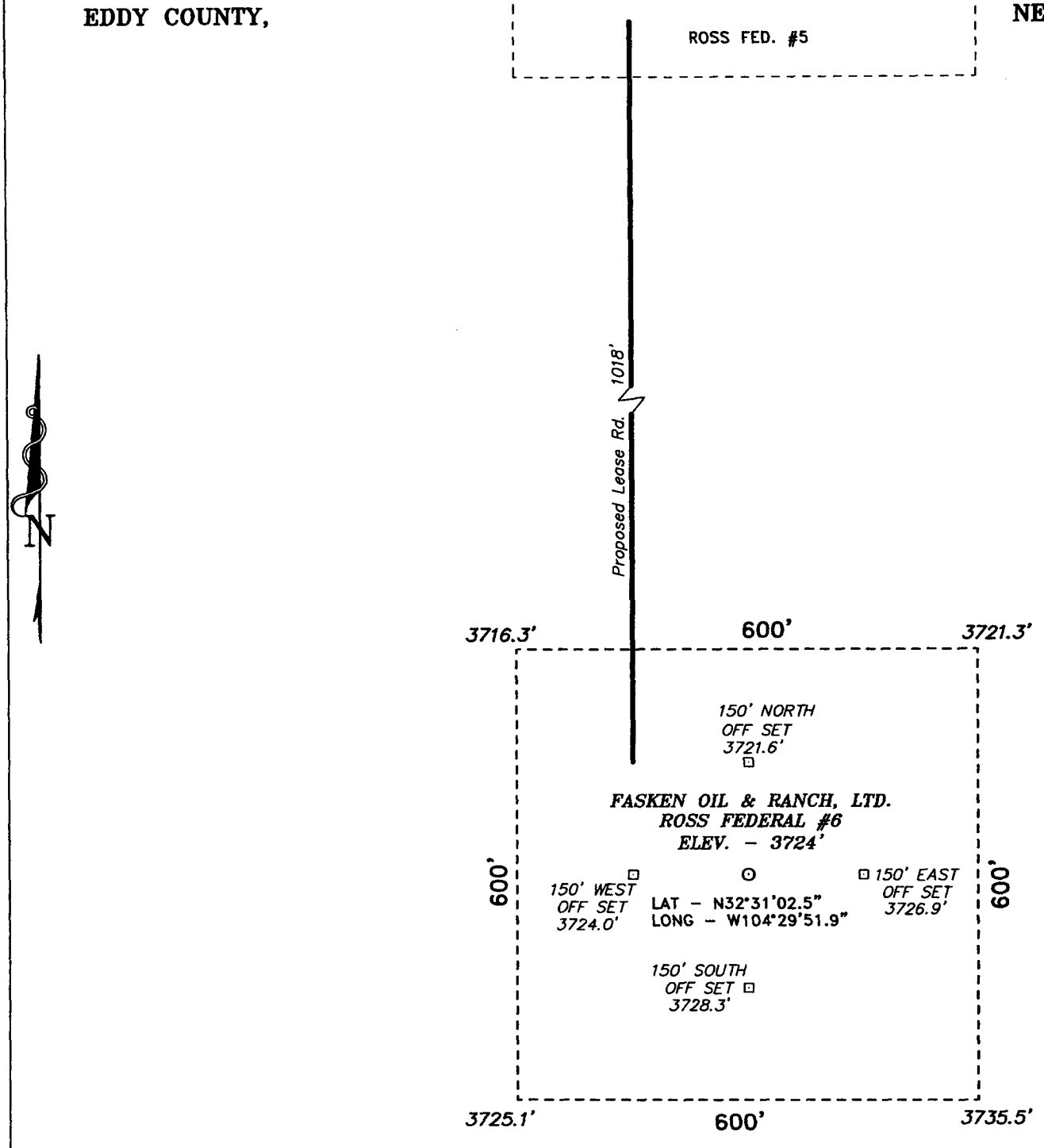
EDDY COUNTY. NEW MEXICO.



1000 0 1000 2000 FEET

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO		**PASKEN OIL AND RANCH, Ltd.**	
W.O. Number: 4016	Drawn By: K. GOAD	REF: PROPOSED ROAD TO THE ROSS FEDERAL #5 & #6	
Date: N/A	Disk: KJG CD#6 - FAS4016ROAD	Survey Date: 03-17-04	Sheet 1 of 1 Sheets

SECTION 4, TOWNSHIP 21 SOUTH, RANGE 24 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



200 0 200 400 FEET

SCALE: 1" = 200'

DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 137 AND CO. RD. 28, GO NORTH FOR APPROX. 6.0 MILES; THENCE EAST ON LEASE ROAD FOR APPROX. 0.5 MILE; THENCE SOUTH FOR APPROX 0.2 MILE TO THE YATES MYSTERY AYM FED. #1 WELL AND PROPOSED LEASE ROAD.

Fasken Oil & Ranch Ltd.

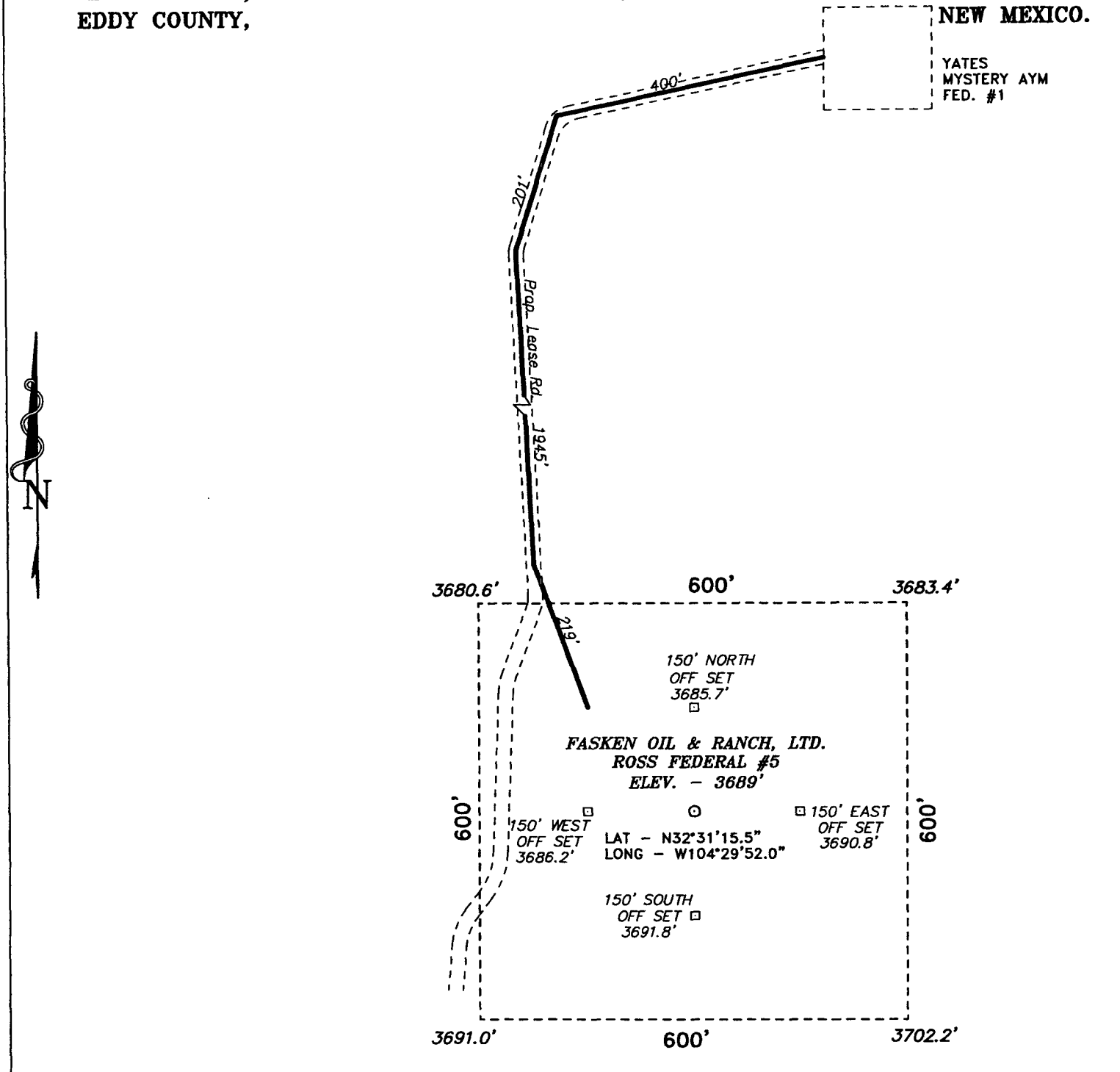
REF: ROSS FED. No. 6 / Well Pad Topo

THE ROSS FED. No. 6 LOCATED 1980' FROM THE NORTH LINE AND 660' FROM THE EAST LINE OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 24 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 – HOBBS, NEW MEXICO

W.O. Number: 4037	Drawn By: K. GOAD		
DATE: 02-27-2004	Disk: KJG CD#6 – 4037A.DWG	Survey Date: 02-26-2004	Sheet 1 of 1 Sheets

SECTION 4, TOWNSHIP 21 SOUTH, RANGE 24 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



200 0 200 400 FEET

SCALE: 1" = 200'

DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 137 AND CO. RD. 28, GO NORTH FOR APPROX. 6.0 MILES; THENCE EAST ON LEASE ROAD FOR APPROX. 0.5 MILE; THENCE SOUTH FOR APPROX 0.2 MILE TO THE YATES MYSTERY AYM FED. #1 WELL AND PROPOSED LEASE ROAD.

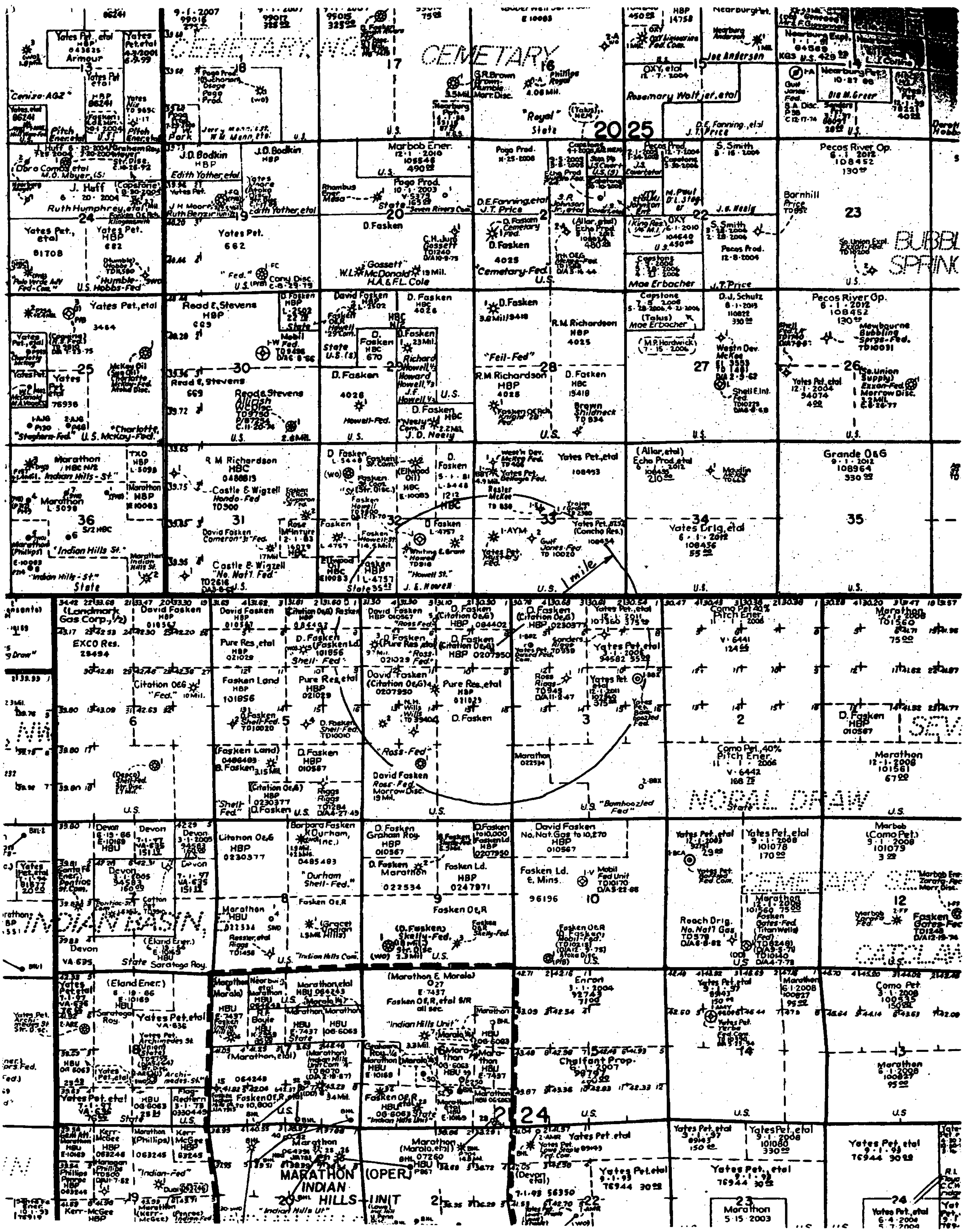
Fasken Oil & Ranch Ltd.

REF: ROSS FED. No. 5 / Well Pad Topo

THE ROSS FED. No. 5 LOCATED 660' FROM THE NORTH LINE AND 660' FROM THE EAST LINE OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 24 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 – HOBBS, NEW MEXICO

W.O. Number: 4016	Drawn By: K. GOAD		
DATE: 02-27-2004	Disk: KJG CD#6 – 4016A.DWG	Survey Date: 02-26-2004	Sheet 1 of 1 Sheets



CEMETARY
Yates Pet, etal
Armour
J.D. Bodkin
Edith Yother, etal
Marbob Ener.
Pogo Prod.
D.E.Fanning, etal
J.T. Price
S. Smith
Pecos River Op.
Bornhill
BUBBL
SPRINK
Yates Pet.
D.Fasken
Cemetary-Fed
Mae Erbacher
Read & Stevens
Yates Pet, etal
David Fasken
R.M. Richardson
Feil-Fed
Capstone
D.J. Schutz
Pecos River Op.
Mewbourne
Castle & Wigzell
Hondo-Fed
Indian Hills St.
Marathon
Yates Drig, etal
Grande O&G
1 mile
State
U.S.
EXCO Res.
Citation O&G
Pure Res, etal
Fasken Land
Como Pet. 40%
Pitch Ener.
Marathon
Ross-Fed
David Fasken
NODAL DRAW
Devon
Citation O&G
Barbara Fasken
D. Fasken
Marathon
Fasken Ltd.
David Fasken
Yates Pet, etal
Marbob
INDIAN BASIN
Reach Drig.
Fasken O&R
Elond Ener.
Enron
Chalfant Prop.
Como Pet
Yates Pet. etal
Marathon
MARATHON (OPER)
INDIAN
HILLS UNIT
Kerr-McGee
Yates Pet. etal
Yates Pet. etal
Marathon

FASKEN OIL AND RANCH, LTD.

303 WEST WALL AVENUE, SUITE 1800
MIDLAND, TEXAS 79701-5116

(432) 687-1777
jimmyc@forl.com

Jimmy D. Carlile
Regulatory Affairs Coordinator

March 17, 2004

Mr. Bryan Arrant
New Mexico Oil Conservation Division
1301 West Grand Avenue
Artesia, NM 88210

Dear Mr. Arrant,

Re: Fasken Oil and Ranch, Ltd.
Hydrogen Sulfide Contingency Plan, Rule 118
Ross Federal No. 6
Section 4, T21S, R24E
Eddy County, New Mexico

Please be advised that we do not anticipate encountering a Potentially Hazardous Volume of Hydrogen Sulfide Gas as defined in Rule 118 while drilling the subject well.

However, Fasken will conduct drilling operations with the knowledge that H2S may be encountered, and will utilize the Hydrogen Sulfide Drilling Operations Plan found in this federal application to drill dated March 17, 2004, should any H2S gas be found.

Yours truly,

Jimmy D. Carlile
Regulatory Affairs Coordinator

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

EXHIBIT #3
FASKEN OIL AND RANCH, LTD.
ROSS FEDERAL NO. 6
1980' FNL & 660' FEL
SEC.4, T21S, R24E
EDDY COUNTY, NM

I. Hydrogen sulfide Training.

All personnel, whether regularly assigned, contracted or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

1. The hazards and characteristics of hydrogen sulfide (H2S).

2. The proper use and maintenance of personal protective equipment and life support systems.

3. The proper use of H2S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.

4. The proper techniques of first aid and rescue procedures.

In addition the supervisory personnel will be trained in the following areas:

1. The effects of H2S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.

2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.

3. The contents and requirements of the H2S Drilling Operations Plan.

There will be an initial training session just prior to encountering a known or probable H2S zone (within 3 days or 500 feet) and weekly H2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H2S Drilling Operations Plan. This plan shall be available at the will site. All personnel will be required to carry documentation that they have received the proper training.

II. H2S Safety Equipment and Systems.

NOTE: All H2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above or three days prior to penetration the first zone containing or reasonable expected to contain H2S.

1. Well Control Equipment:

   A. Flare line.

   B. Choke manifold.

C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.

D. Auxiliary equipment to include: annular preventer, mud-gas separator (if necessary) and rotating head.

2. Protective equipment for essential personnel:

   A. 5-minute escape units located in the dog house and 30-minute air units at briefing areas, as indicated on well site diagram.

3. H2S detection and monitoring equipment:

   A. 3 - portable H2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 PPM are reached.

   B. 1 - portable SO2 monitor positioned near flare line during H2S flaring operations.

4. Visual warning systems:

   A. Wind direction indicators as shown on well site diagram.

   B. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be a readable distance from the immediate location.

5. Mud program:

   A. The mud program has been designed to minimize the volume of H2S circulated to the surface. Proper mud weight safe drilling practices and the use of H2S scavengers when necessary will minimize hazards when penetrating H2S bearing zones.

   B. A Mud-gas separator will be utilized.

6. Metallurgy:

   A. All drill strings, casings, tubing, wellhead, blowout preventors, drilling spools kill lines, choke manifold and lines valves shall be suitable for H2S service.

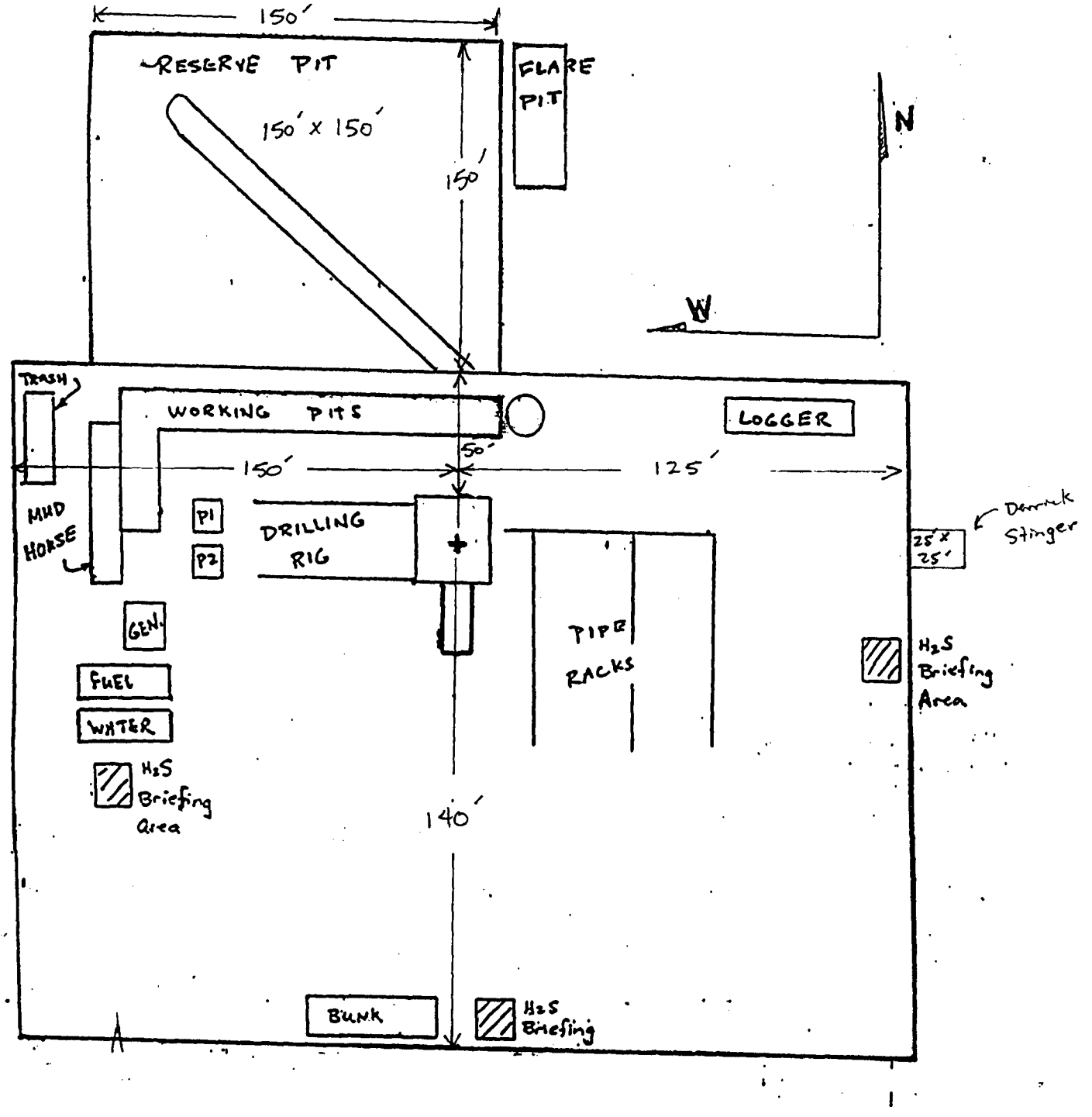
   B. All elastomers used for packing and seals shall be H2S trimmed.

7. Communications:

   A. Radio communications will be available in company vehicles and rig dog house.

8. Well testing:

   A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity which are necessary to safely and adequately conduct the test. The drill stem testing of any known formation that contains H2S will be conducted during daylight hours.



FASKEN OIL & RANCH, LTD.

Exhibit #4B

Scale: 1 inch = 50 feet

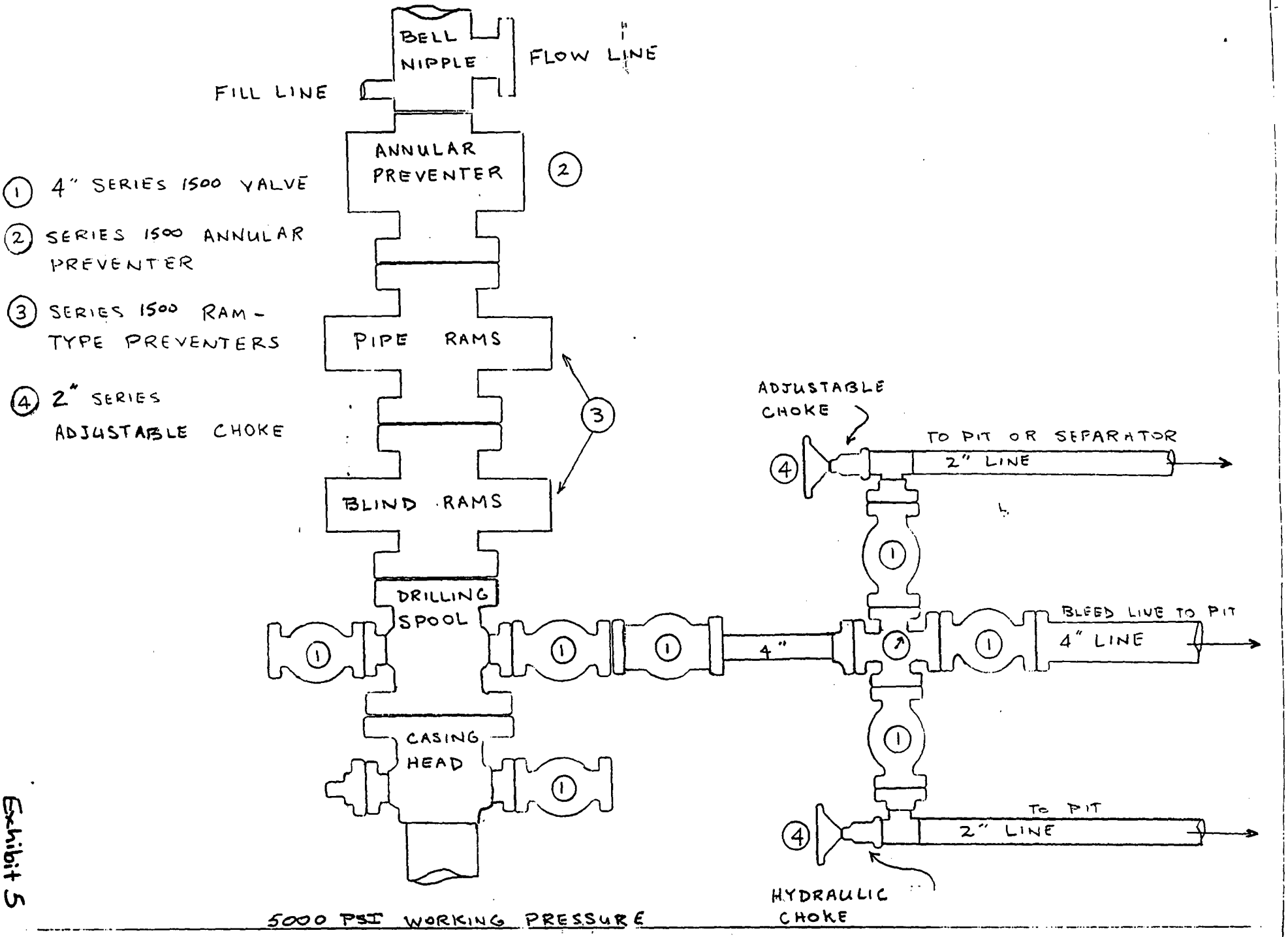

BELL NIPPLE
FLOW LINE
FILL LINE
ANNULAR PREVENTER
2
1 4" SERIES 1500 VALVE
2 SERIES 1500 ANNULAR PREVENTER
3 SERIES 1500 RAM-TYPE PREVENTERS
4 2" SERIES ADJUSTABLE CHOKE
PIPE RAMS
3
BLIND RAMS
DRILLING SPOOL
CASING HEAD
ADJUSTABLE CHOKE
TO PIT OR SEPARATOR
2" LINE
BLEED LINE TO PIT
4" LINE
4"
To PIT
2" LINE
HYDRAULIC CHOKE
5000 PSI WORKING PRESSURE

Exhibit 5