Form 3160-3
(December 1990)

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 33955

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL NO.: Baetz "23" ~~Federal~~ No. 3

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

9. API WELL NO.: 30-025-36042

3. ADDRESS AND TELEPHONE NO.: 303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777

10. FIELD AND POOL, OR WILDCAT: Salt Lake Delaware

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL and 2030' FEL B
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 23, T20S, R32E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 35 miles west/southwest of Hobbs, New Mexico

12. COUNTY OR PARISH: Lea

13. STATE: NM

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
660'	1,280.00	40
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**
2930'	8000'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3537' GR

22. APPROX. DATE WORK WILL START*: September 1, 2002

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#	1200'	1000 sx Class C
12 1/4"	9 5/8", J-55	36#	3100'	1200 sx Class C
8 3/4"	5 1/2", K-55	15.5/17#	8000'	1000 sx Lite C/Super C

The operator proposes to drill to a depth sufficient to test the Delaware formation. If productive, 5-1/2" casing will be set at TD and cemented back to approximately 2,900'. If non-commercial, the well will be plugged and abandoned in accordance with Federal regulations.

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

OPER. OGRID NO. 151416
PROPERTY NO. 18162
POOL CODE 53565
EFF. DATE 11-6-02
API NO. 30-025-36042

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 Kimmy D Carrillo TITLE Regulatory Affairs Coordinator DATE 5/10/02

(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:

APPROVED BY _____ TITLE _____ DATE _____

*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

5
C
A

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
30-025-36042	53565	Salt Lake Delaware

Property Code	Property Name	Well Number
18162	BAETZ "23" ~~FEDERAL~~	3

OGRID No.	Operator Name	Elevation
151416	FASKEN OIL & RANCH, LTD.	3537'

Surface Location

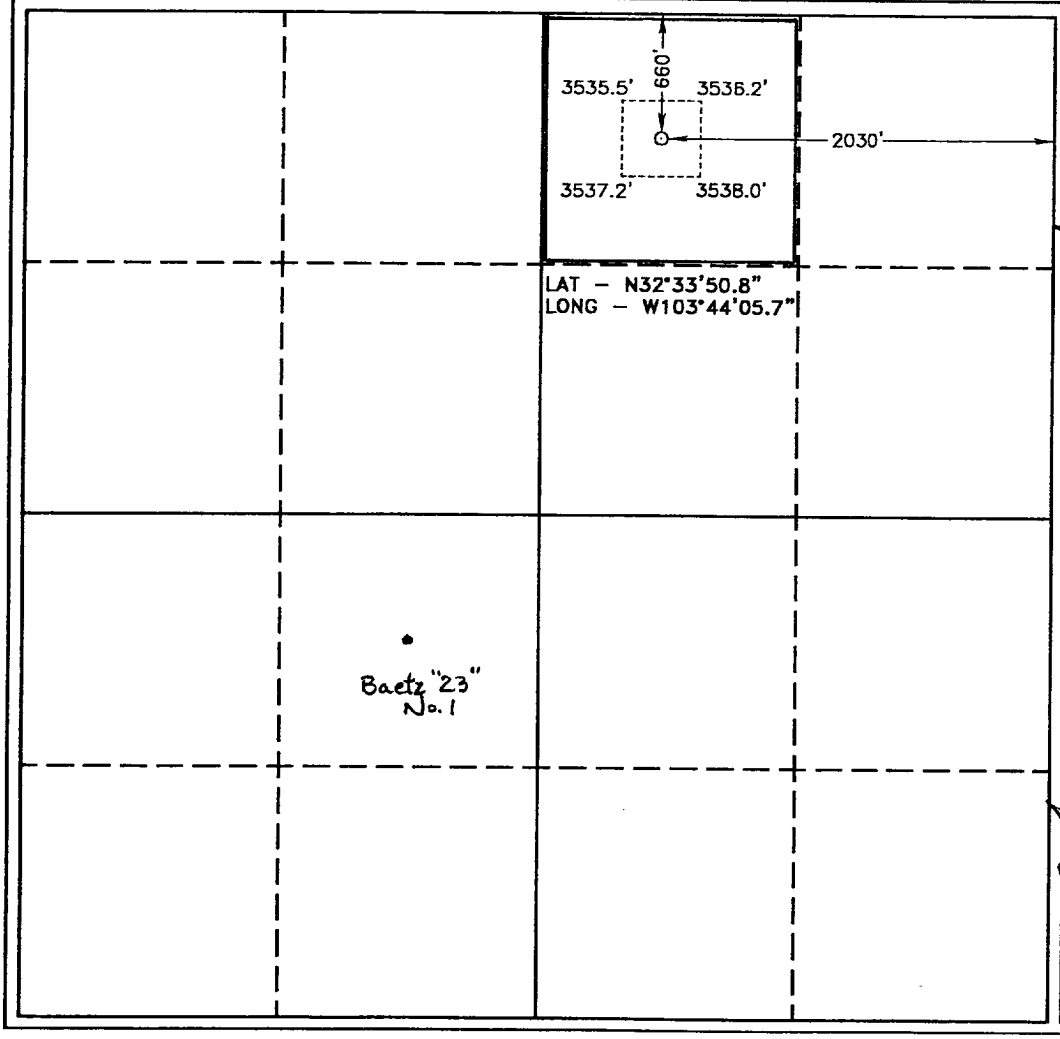
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	20 S	32 E		660	NORTH	2030	EAST	LEA

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.
40			

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 Coor.
Title

April 17, 2002
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.

November 6, 2001
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR
BASIN SURVEYS

W.O. No. 20124

Certificate No. Gary L. Jones 7977

SURFACE USE PLAN
FASKEN OIL AND RANCH, LTD.
BAETZ "23" FEDERAL NO. 3
660' FNL & 2030' FEL
SEC. 23, T20S, R32E
LEA COUNTY, NEW MEXICO

1. EXISTING ROADS - Area map, Exhibit #1, is a reproduction of the U.S.G.S., Laguna Gatuna 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 East on U.S. Highway 62/180, turn North on Highway 176 road and go approximately 1 mile. Turn Northeast on calchie road 789' to location.

2. PLANNED ACCESS ROADS - 789' of new access road will be constructed.

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.:	Baetz "23" No. 1
Strata Production:	Snoddy Federal No. 1
TOCO, LLC.:	Hanson State No. 1
Yates Petroleum Corp.:	Belco "AIA" Federal No. 1

   E. Abandoned wells - None Known

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 flat 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 Mr. Bill Smith.

C. The archeological survey 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: 4/26/02
TITLE: Drilling and Production Engineer

TET
(Baetz23Fed3apd)

APPLICATION FOR PERMIT TO DRILL
FASKEN OIL AND RANCH, LTD.
BAETZ "23" FEDERAL NO. 3
660' FNL & 2030' FEL
SEC.23, T20S, R32E
LEA 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 Quaternary age.

2. Estimate tops of geologic markers are as follows;

Rustler	1065'
Base of Salt	3000'
Capitan Reef	3500'
Delaware	5100'
Bone Springs	7850'

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

Delaware	5100'	Oil

* Groundwater to be protected by 13-3/8" surface casing with cement circulated to the surface.
** Potentially productive horizons to be protected by 5-1/2" production casing with cement top at 2900'.

4. Proposed Casing Program:

String	Footage	Size	Weight	Grade	Thread
Surface	1200'	13-3/8"	48.00#	H-40	ST&C
Intermediate	3,100'	9-5/8"	36.00#	J-55	ST&C
Production	7,000'	5-1/2"	15.50#	K-55	LT&C
	1,000'	5-1/2"	17.00#	K-55	LT&C
	8,000'				
Tubing	7,900'	2-3/8"	4.70#	N-80	EUE 8rd

5. Proposed Cementing Program:

Cement 13-3/8" casing with 800 sx Class "C" with 4% gel and 2% $CaCl_2$ (s.w. 13.5 ppg, yield 1.74 ft^3/sx) and 200 sx Class "C" cement with 2% $CaCl_2$ (s.w. 14.8 ppg, yield 1.32 ft^3/sx).

Cement 9-5/8" casing with 1000 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 5-1/2" production casing (resin coated and centralized through pay zones) with 400 sx BJ lite "C" with 6% gel, 1% Salt and 0.4% FL-62 and 0.2% FL-52 (s.w. 12.6 ppg, yield 2.01 ft^3/sx) plus 600 sx Super "C" Modified (15 #/sx Poz A and 11 #/sx CSE), 1% Salt, 1.4% FL-25 and 0.2% CD-32 (s.w. 14.0 ppg, yield 1.34 ft^3/sx).

6. Pressure Control Equipment: See Exhibit #5. Operator 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 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
0-1200'	Fresh Water	8.5	40	N.C.
1200'-3100'	Brine Water	10.0	29	N.C.
3100'-6000'	Cut Brine	9.0	29	N.C.
6000'-8000'	Starch/Pac	9.0	36-45	10 cc

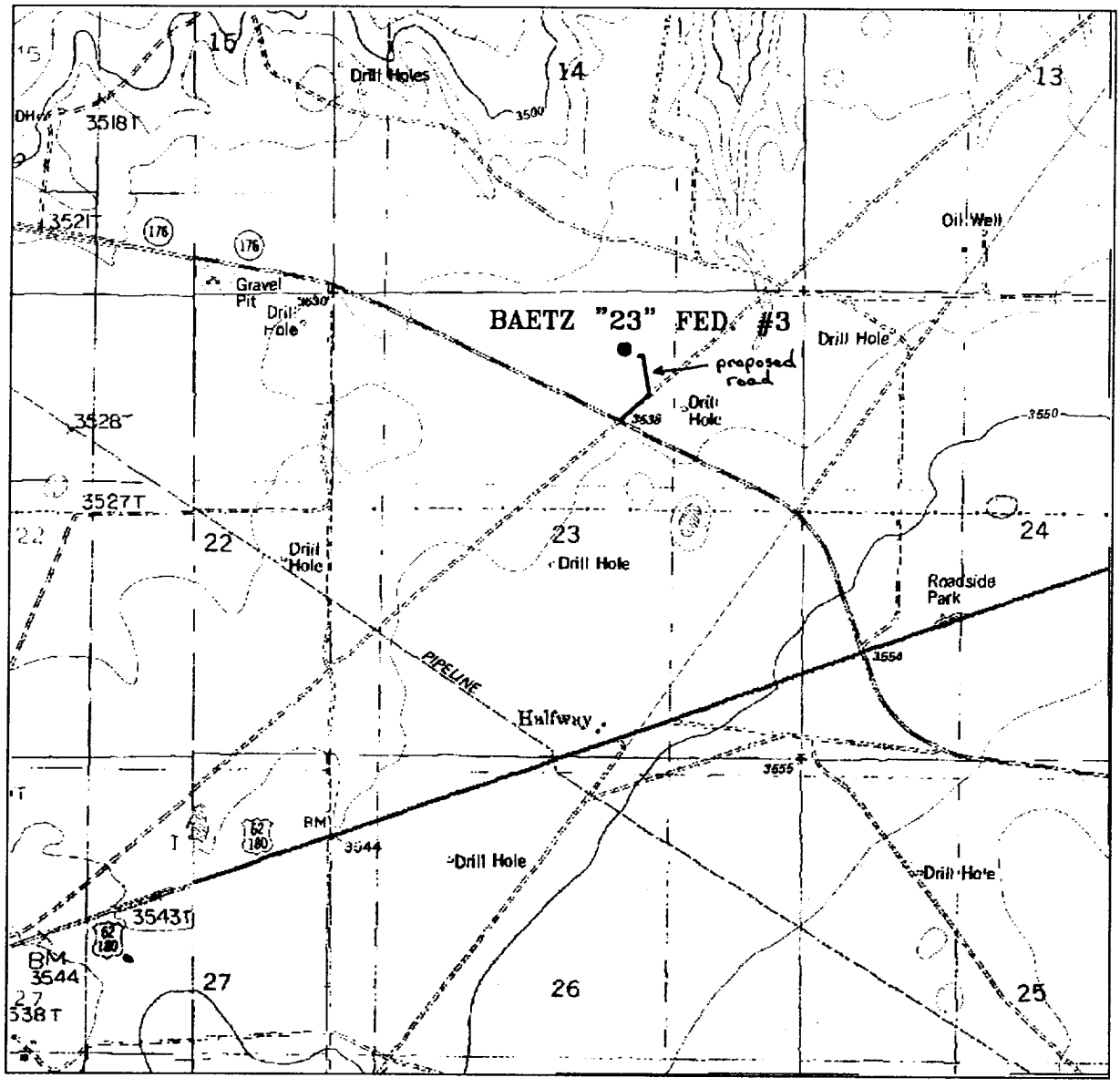
7. Auxiliary Equipment: Upper Kelly Cock, Full Opening Stabbing Valve, PVT.

8. Testing Logging and Coring Programs:

- DST's: DST any mudlog shows.
- Logging: 2-man Mudlogging unit from 3100' to T.D.
- Electric Logs: Platform Express with CNL-LDT, DLL-MSFL, GR and Caliper.
- Coring: None anticipated

9. Abnormal Pressure, Temperatures or Other Hazards: Lost circulation is anticipated in the surface. Maximum bottomhole pressure is estimated to be 3500 psig.

10. Anticipated Starting Date: September 1, 2002.



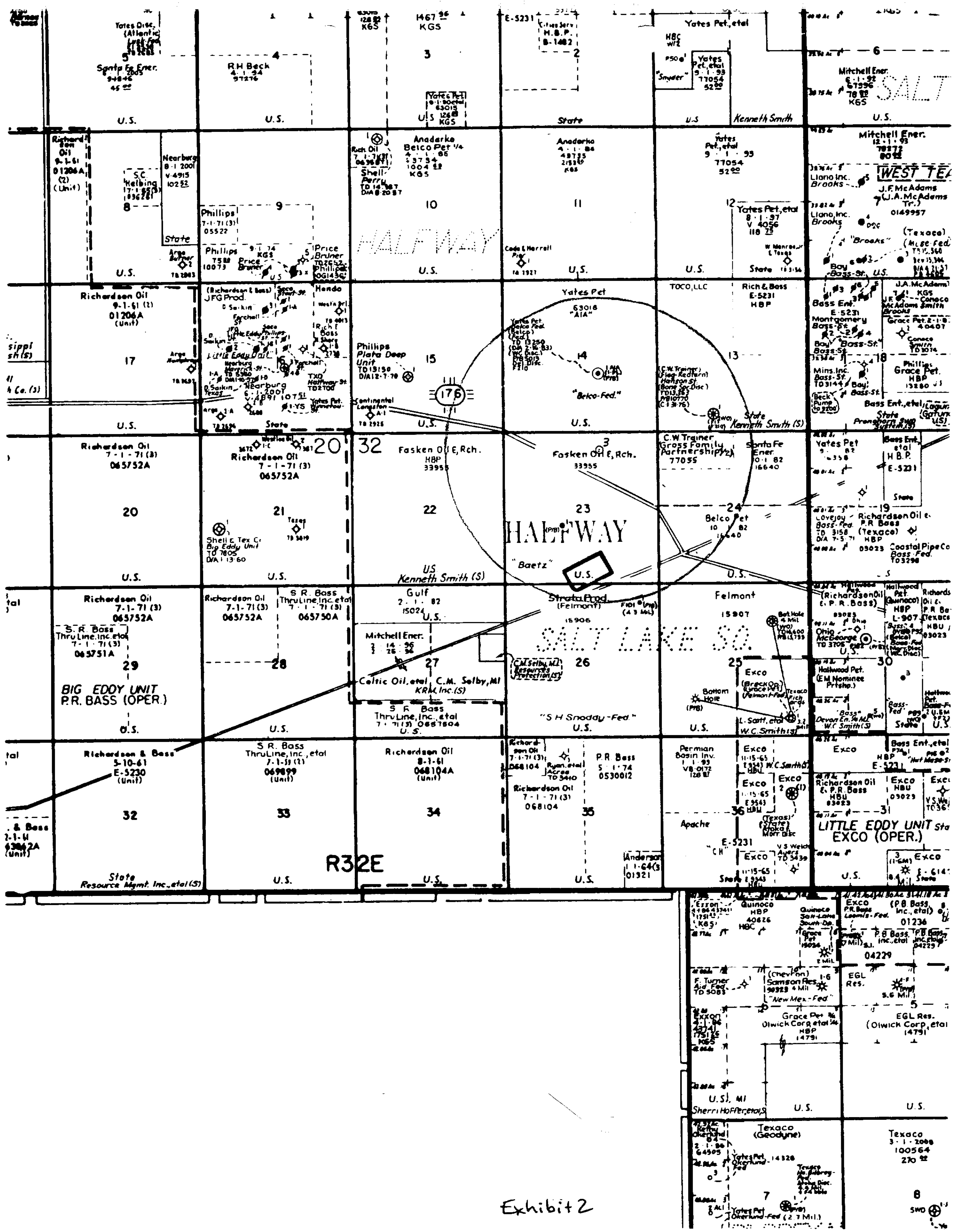
BAETZ "23" FED. #3
660' FNL & 2030' FEL
Section 23, Township 20 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.

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:	2012AA - KJG CD#6
Survey Date:	11-06-2001
Scale:	1" = 2000'
Date:	11-08-2001

FASKEN OIL & RANCH, LTD.

Exhibit 1


Yates Pet, etal
Santa Fe Ener.
R.H. Beck
Mitchell Ener.
SALT
Kenneth Smith
State
U.S.
Anadarko
Belco Pet
Shell
Nearburg
S.C. Kelbing
Phillips
Price Bruner
HALFWAY
Yates Pet
Llano Inc.
Brooks
WEST TEA
J.F. McAdams
(Texaco)
Bass-St.
Richardson Oil
JFG Prod.
Little Eddy Unit
Phillips
Plata Deep Unit
176
TOCO, LLC
Rich & Bass
E-5231
HBP
"Belco-Fed."
C.W. Trainer
Bass Ent.
Montgomery
Grace Pet.
Bass Ent., etal
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Fasken Oil & Rch.
Gross Family Partnership
Santa Fe Ener.
Yates Pet
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Shell & Tex Cr
Big Eddy Unit
HALFWAY
"Baetz"
Belco Pet
Lovejoy
Richardson Oil & P.R. Bass
Coastal Pipe Co
Kenneth Smith (S)
S.R. Bass
ThruLine, Inc. etal
Gulf
Strata Prod.
(Felmont)
Felmont
SALT LAKE SO.
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Mitchell Ener.
Celtic Oil, etal
C.M. Selby, MI
KRM, Inc. (S)
BIG EDDY UNIT
P.R. BASS (OPER.)
"S H Snoddy-Fed."
Exco
Hallwood Pet.
Richardson & Bass
5-10-61
E-5230
(Unit)
Richardson Oil
8-1-61
068104A
P.R. Bass
Permian Basin Inv.
32
33
34
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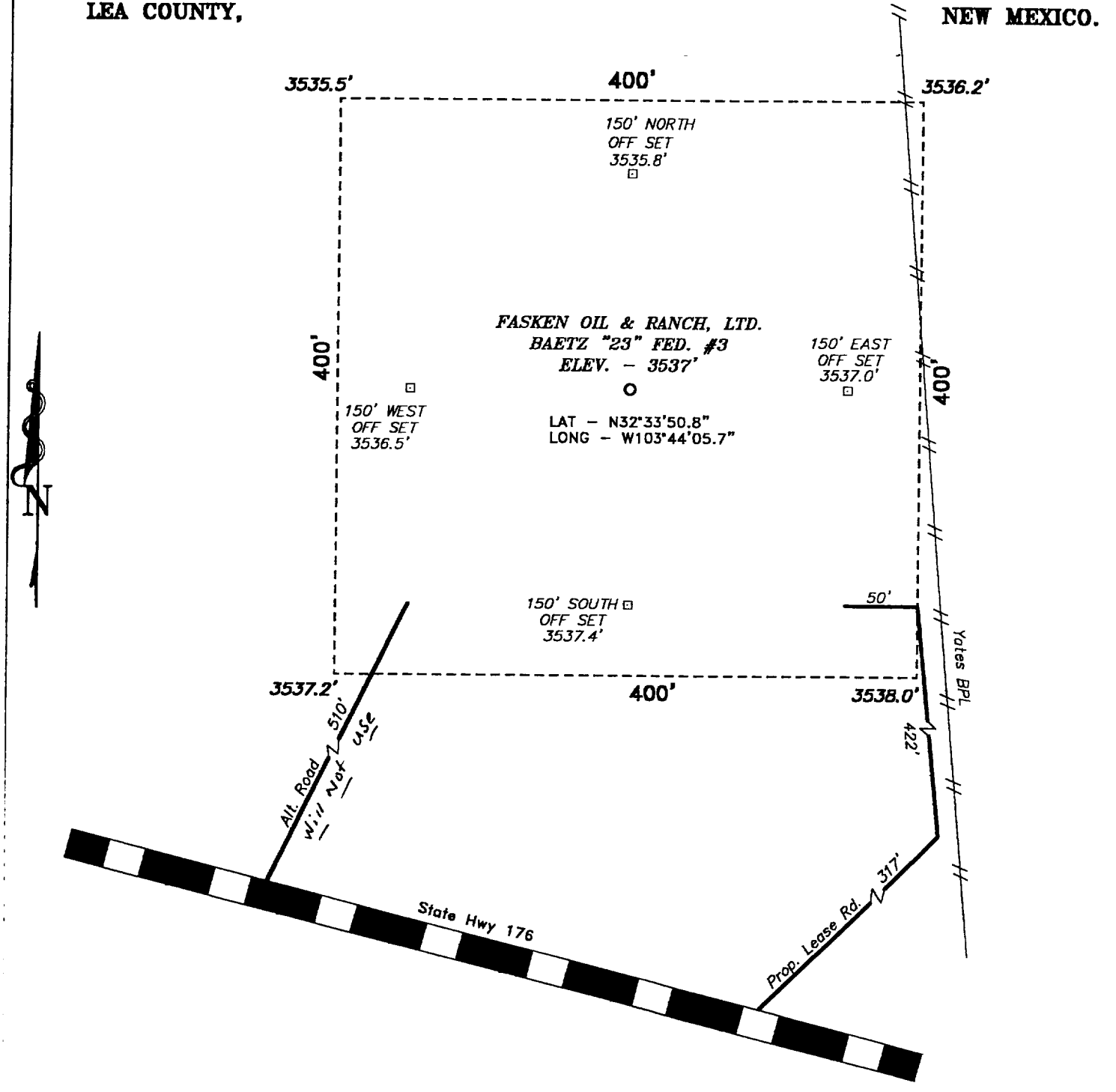
36
31
Apache
LITTLE EDDY UNIT
EXCO (OPER.)
R32E
State
Resource Mgmt. Inc., etal (S)
Anderson
Exxon
Quinoco
"New Mex.-Fed."
Samson Res.
EGL Res.
Grace Pet
Olwick Corp etal
HBP
Sherri Hoffer, etal S
Texaco
(Geodyne)
Yates Pet
Okerlund-Fed
7
8

Exhibit 2

SECTION 23, TOWNSHIP 20 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, **NEW MEXICO.**



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 176 AND US HWY 62/180, GO NORTHWESTERLY ON HWY 176 FOR APPROX. 1 MILE TO AN EXISTING LEASE ROAD AND BEGINNING OF PROPOSED LEASE ROAD.

Fasken Oil & Ranch Ltd.

REF: BAETZ "23" FED. No. 3 / Well Pad Topo

THE BAETZ "23" FEDERAL No. 3 LOCATED 660' FROM THE NORTH LINE AND 2030' FROM THE EAST LINE OF SECTION 23, TOWNSHIP 20 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

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

W.O. Number: 2012	Drawn By: K. GOAD		
DATE: 11-08-2001	Disk: KJG CD#6 - 2012A.DWG	Survey Date: 11-06-2001	Sheet 1 of 1 Sheets

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

EXHIBIT #3
FASKEN OIL AND RANCH, LTD.
BAETZ "23" FEDERAL NO. 3
660' FNL & 2030' FEL
SEC.23, T20S, R32E
LEA 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.

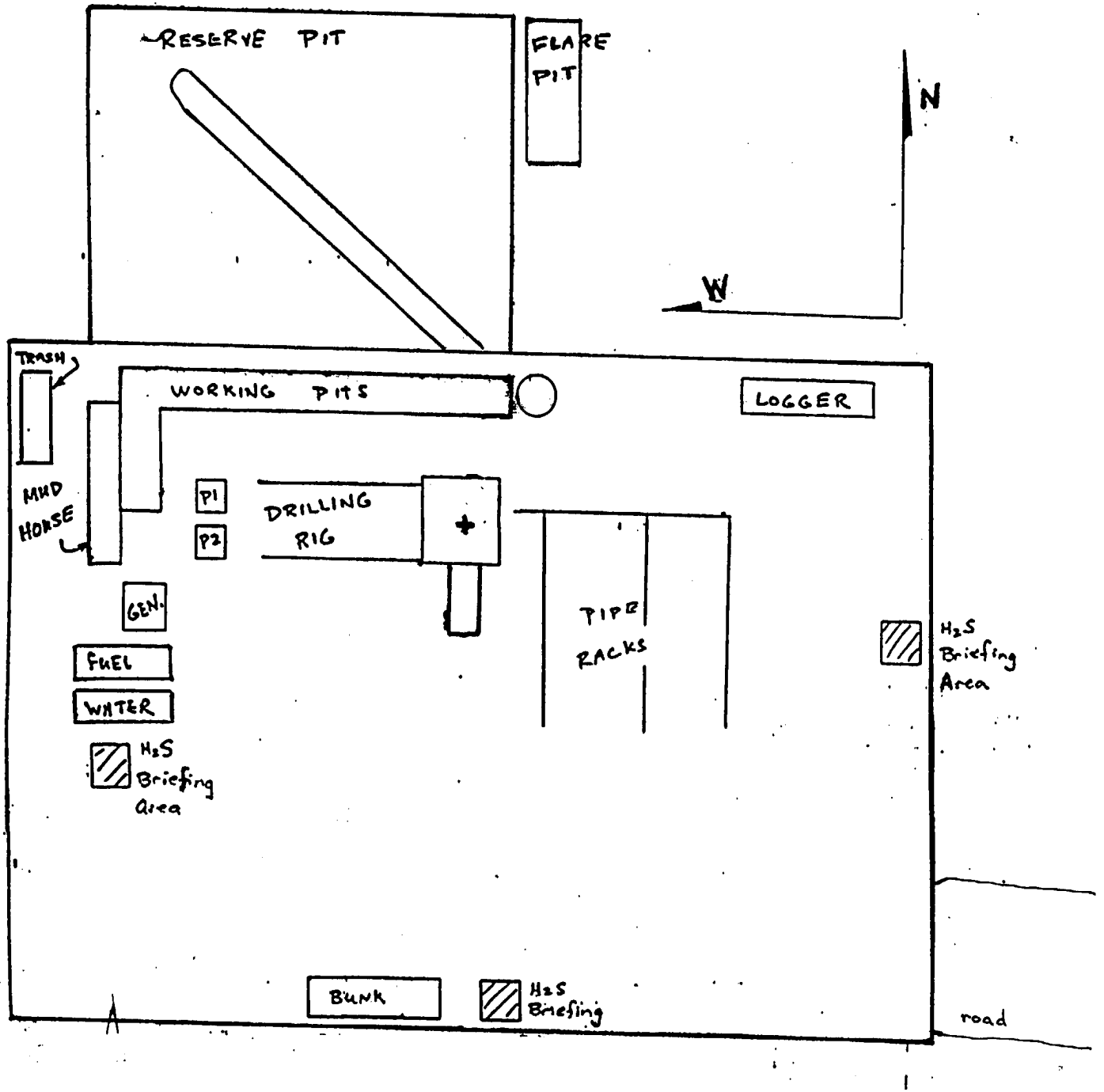
   B. All elastomers used for packing and seals shall be H2S trimmed.

7. Communications:

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

8. Well testing:

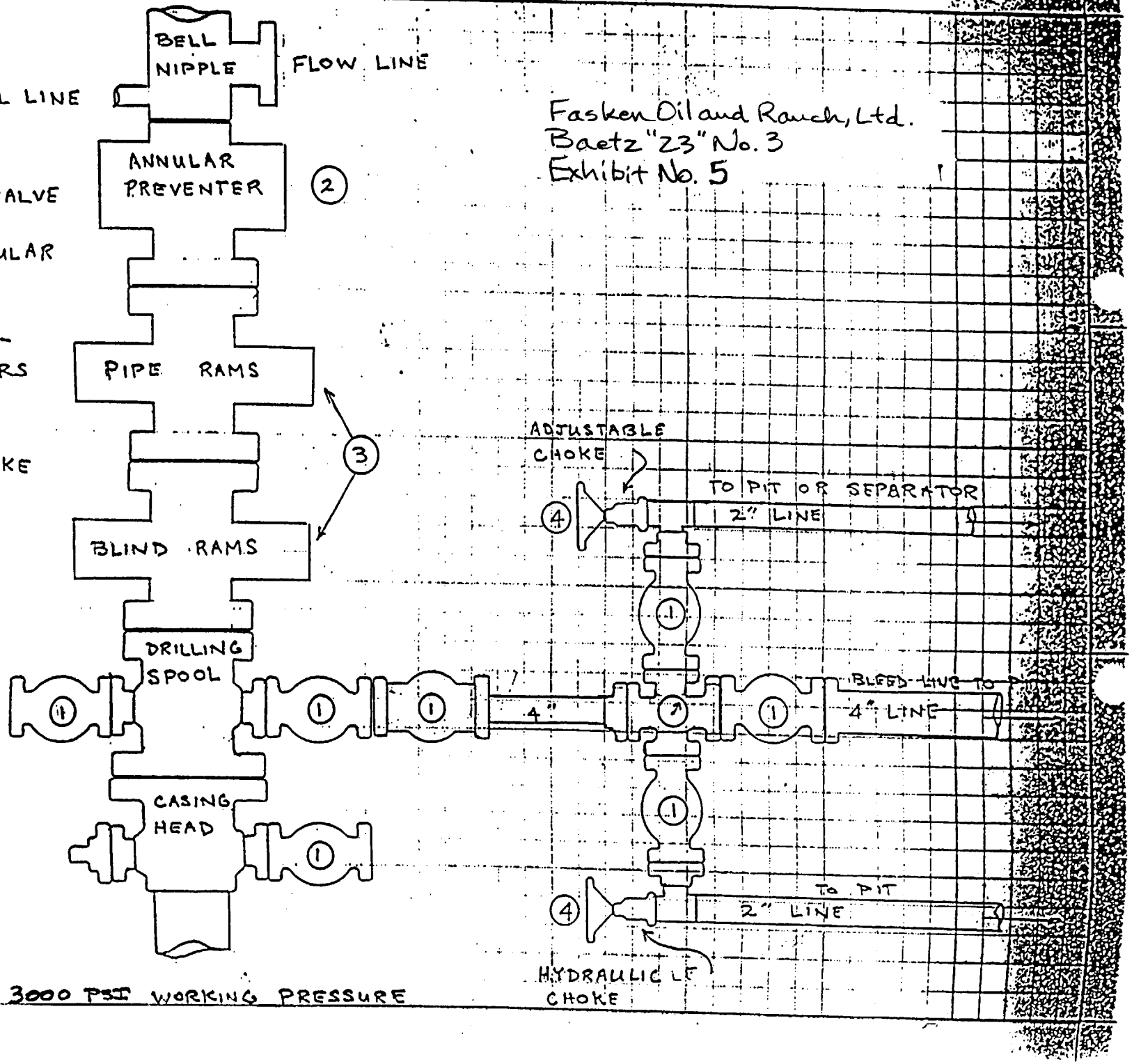
A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity which are necessary to safely and adequately conduct the test. The drill stem testing of any known formation that contains H2S will be conducted during daylight hours.



FASKEN OIL & RANCH, LTD.
Baetz "23" No. 3
Exhibit #4

Scale: 1 inch = 50 feet

Fasken Oil and Ranch, Ltd.
Baetz "23" No. 3
Exhibit No. 5



3000 PSI WORKING PRESSURE

TITLE PAGE/ABSTRACT/ NEGATIVE SITE REPORT CARLSBAD FIELD OFFICE

BLM/CFO

1. BLM Report No.:	**2. (ACCEPTED) (REJECTED)**	**3. NMCRIS No.:** 78662
4. Title of Report (Project Title): Survey for the Baetz "23" Federal No. 9 Well Pad and the Baetz "23" Federal No. 3 Well Pad and Access Road		**5. Project Date(s):** April 23, 2002 **6. Report Date:** April 24, 2002
7. Consultant Name & Address **Direct Charge:** Sean Simpson **Name:** Mesa Field Services **Address:** P.O. Box 3072 Carlsbad, NM 88221-3072 **Author's Name:** Stephen Smith, Theresa Straight **Field Personnel Names:** Stephen Smith **Phone:** (505) 628-8885		**8. Permit No.:** 153-2920-01-J **9. Consultant Report No.:** MFS – 638
10. Sponsor Name and Address **Individual Responsible:** Tommy Taylor **Name:** Fasken Oil and Ranch, Ltd **Address:** 303 W. Wall Ave, Ste 1800 Midland, TX 79701 **Phone:** (915) 687-1777		**11. For BLM use only** **12. Acreage** **Total acres surveyed:** 9.04 **Per Surface Ownership** **Federal:** 9.04 **State:** 0 **Private:** 0

13. Location & Area (maps attached if negative survey)

a. **State:** New Mexico
b. **County:** Lea
c. **BLM Field Office:** Carlsbad
d. **Nearest City or town:** Halfway, New Mexico
e. **Location:** T 20S, R 32E, Section 23: NW¼ NE¼, N½ SW¼ NE¼, SE¼ NE¼

Well Pad Footages: 1,930 ft from the north line and 660 ft from the east line (Baetz "23" Federal No. 9 Well)
660 ft from the north line and 2,030 ft from the east line (Baetz "23" Federal No. 3 Well)

f. **7.5' Map Name(s)and Code Number(s):** Laguna Gatuna, New Mexico 1984 (32103-E6)
g. **Area**
Block: **Impact:** 400 ft by 400 ft (Baetz "23" Federal No. 3 Well)
Surveyed: 400 ft by 400 ft (Baetz "23" Federal No. 3 Well)
Impact: 400 ft by 400 ft (Baetz "23" Federal No. 9 Well)
Surveyed: 400 ft by 400 ft (Baetz "23" Federal No. 9 Well)
Linear: **Impact:** 739 ft x 50 ft
Surveyed: 739 ft x 100 ft

14. a. Records Search

Location: Archaeological Records Management Section (ARMS), via modem, and the Bureau of Land Management - Carlsbad Field Office (BLM-CFO)

Date: April 18 and 19, 2002, by Willi Hermann

List by LA # all sites within .25 miles of the project (those sites within 500' are to be shown on the project map): A records search revealed no previously recorded sites within 0.25 miles of the project area.

b. Description of Undertaking (client's activities): Fasken Oil and Ranch, Ltd is planning to construct the Baetz "23" Federal No. 9 well pad and the Baetz "23" Federal No. 3 well pad and access road in Township 20 South, Range 32 East, Section 23. The access road for the Baetz "23" Federal No. 3 begins at the southeast corner of the well pad and travels south and southwest to an existing paved highway. An alternative access road was staked in the field but was not surveyed. Survey for an access road for the Baetz "23" Federal No. 9 is not required because a paved highway cuts through the southwest corner of the well pad.

c. Environmental Setting (NRCS soil designation, vegetative community, etc.): The project area is located just east of Laguna Gatuna. The topography is generally flat. The soil is light brown loam mixed with caliche. It is of the Simona-Tonuco soil association as defined by the Soil Conservation Service of the U.S. Department of Agriculture. The project elevation averages 3,540 ft above mean sea level. Local vegetation is typical of Chihuahuan Desert Scrub and includes mesquite, horse crippler, prickly pear, and various bunch grasses. Visibility ranged from 50 to 75 percent.

d. Field Methods

Transect Intervals: 15 m
Crew Size: 1
Time in Field: 3 hours
Collections: None

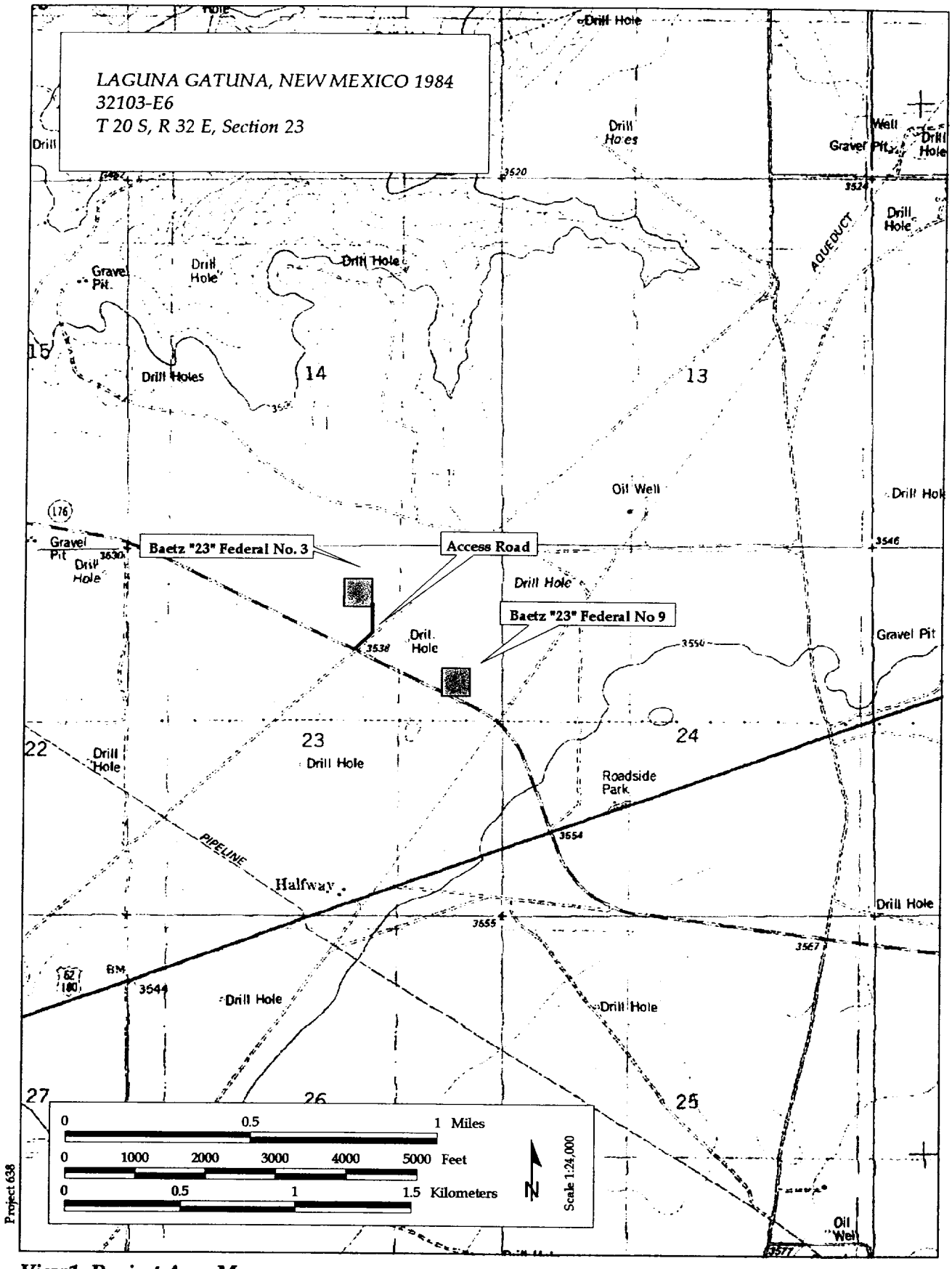
15. Cultural Resource Findings: No cultural material was encountered within the project area.
Identification and Description (location shown on project map): N/A

16. Management Summary (recommendations): Since no cultural resources were encountered, archaeological clearance is recommended for the proposed project as staked. If any cultural material is encountered during construction activities, work at that location should stop immediately and archaeologists with the BLM-CFO should be notified.

I certify that the information provided above is correct and accurate and meets all appreciable BLM standards.

Responsible Archaeologist: Signature _____ **Date** May 7, 02

THE ABOVE COMPLETES A NEGATIVE REPORT. IF ELIGIBLE OR POTENTIALLY ELIGIBLE PROPERTIES ARE INVOLVED, THEN THE ABOVE WILL BE THE TITLE PAGE AND ABSTRACT FOR A COMPLETE REPORT.



View1. Project Area Map

Mesa Field Services

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

Fasken Oil and Ranch, Ltd. accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No.	USA NM 33955
Legal Description:	Sections 22 and 23, T20S, R32E, NMPM, Lea County, New Mexico
Formation(s):	All depths
Bond Coverage:	$25,000
BLM Bond File:	NM0152

Fasken Oil and Ranch, Ltd.
By: Fasken Management, LLC
Its General Partner

Benjamin L. Blake
Vice-President

May 10, 2002
Date