Form 3160-3 (December 19__) OIL CONS. COMMISSION Drawer DD Artesia

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

c/SF

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

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

2. NAME OF OPERATOR: Bass Enterprises Production Co

3. ADDRESS AND TELEPHONE NO.: P.O. Box 2760, Midland, Texas 79702 915-683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FSL & ~~1980'~~ 2080' FWL Section 33, T19S, R31E
At proposed prod. zone: same

RECEIVED SEP - 3 1993 O. C. D. ARTESIA

5. LEASE DESIGNATION AND SERIAL NO.: NM-77045

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL NO.: Sohack "33" Federal #1

9. API WELL NO.: 30-015-27665

10. FIELD AND POOL, OR WILDCAT: Hackberry (Strawn), S

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: N Sec 33, T19S, R31E

12. COUNTY OR PARISH: Eddy Co | 13. STATE: NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 9 miles WNW/Halfway, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): None

16. NO. OF ACRES IN LEASE: 160

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: None

19. PROPOSED DEPTH: 11,800'

20. ROTARY OR CABLE TOOLS: rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3482' GR

22. APPROX. DATE WORK WILL START*: upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM — Secretary's Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 15"	11-3/4"	42#	900'	688 circ to surface
11"	8-5/8"	24# & 32#	4,200'	1640 sx circ to surface
7-7/8"	5-1/2"	17#	11,800'	1100 sx tie back to 3700'

*Surface to be set 50' above salts in the Rustler Anhydrite.

Drilling procedure, BOPE diagram, anticipated tops and surface use plans attached.

This location is located in the Secretarys Potash Area.

General Requirements and Special Stipulations Attached

certified P546 958 145

MAY 17 1993

IO-1 9-10-93 NL & API

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 Keith E. Bucy TITLE Div Drlg and Prod Supt DATE 5/14/93

(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 /S/ Frank Splendoria TITLE Acting State Director DATE 8-27-93

*See Instructions On Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

5. Lease Designation and Serial No.
NM-77045

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Sohack "33" Federal #1

2. Name of Operator
Bass Enterprises Production Company

9. API Well No.

3. Address and Telephone No.
P.O. Box 2760, Midland, Texas 79702 915-683-2277

10. Field and Pool, or Exploratory Area
Hackberry (Strawn)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2080' FWL & 660' FSL Section 33, T19S, R31E

11. County or Parish, State
Eddy Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other change footage loc.	[ ] 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.)*

Bass Enterprises Production Company requests to change the footage spot on the subject well from 1980' FWL & 660' FSL of Sec 33, T19S, R31E to 2080' FWL & 660' FSL of Section 33, T19S, R31E.

BUREAU OF LAND MANAGEMENT
RECEIVED
JUL 14 1993
DIST. 6 N.M.
Carlsbad, New Mexico

CERTIFIED P-546-958-151

14. I hereby certify that the foregoing is true and correct
Signed Keith E. Bucy Title Div Drlg & Prod Supt Date 7/13/93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
BASS ENTERPRISES PROD. COMPANY	SOHACK 33 FEDERAL	1

Unit Letter	Section	Township	Range	County
N	33	19 SOUTH	31 EAST NMPM	EDDY

Actual Footage Location of Well:
660 feet from the SOUTH line and 2080 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3482.2'	STRAWN	HACKBERRY, S	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

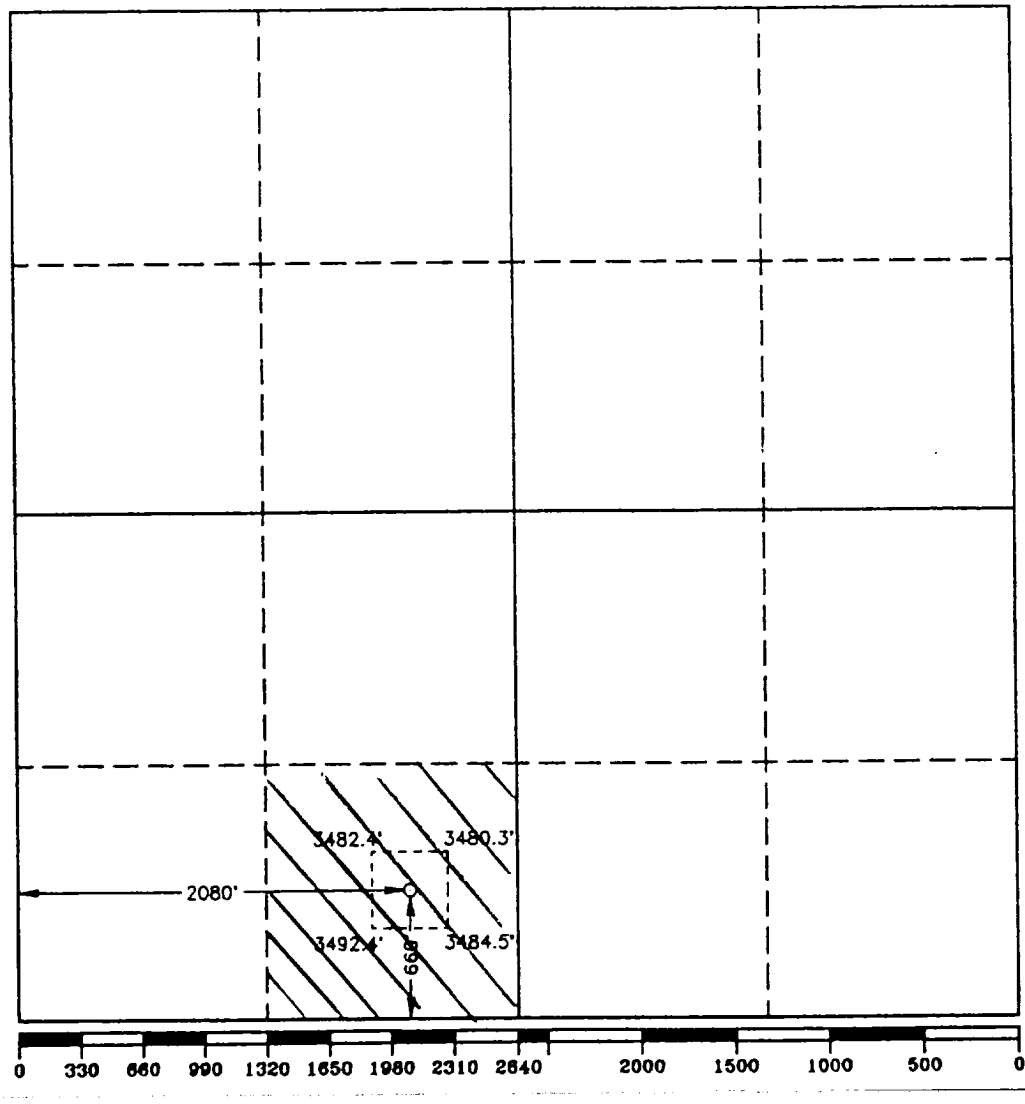
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. _____

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

Printed Name: Keith E. Bucy

Position: Div Drlg & Prod Supt

Company: Bass Enterprises Prod Co

Date: 7/13/93

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 knowledge and belief.

Date Surveyed: JULY 2, 1993

Signature & Seal of Professional Surveyor: GARY L. JONES NEW MEXICO 7977 REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY L. JONES 7977

93-11-1298

EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: SOHACK "33" FEDERAL #1

LEGAL DESCRIPTION - SURFACE: 660' FSL & ~~1980~~ 2080' FWL, Section 33, T-19-S, R-31-E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(SEE NO. 2 BELOW)

POINT 2: WATER, OIL GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3500' (est)
GL 3485'

FORMATION	ESTIMATED TOP FROM KB	ESTIMATED SUBSEA TOP	BEARING
T/Rustler	700'	+2800'	None
T/Salt	950'	+2550'	None
B/Salt	2425'	+1075'	None
T/Yates	2630'	+ 870'	None
T/Reef	3000'	+ 500'	None
T/Delaware Mt Grp	4220'	- 720'	Oil & Gas
T/Bone Spring	7000'	-3500'	Oil & Gas
T/Wolfcamp	10250'	-6750'	Oil & Gas
T/Strawn	11080'	-7580'	Oil & Gas
TD	11800'	-8300'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
20"	0' - 40'	Conductor	Contractor Discretion
11-3/4" 42# H-40 ST&C	0' - 900'	Surface	New
8-5/8" 24# & 32# K-55 ST&C	0' - 4,200'	Intermediate	New
5-1/2" 17# N-80 & S-95 LT&C	0' - 11,800'	Production	New

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAMS)

A BOP equivalent to Diagram 1 will be nippled up on the surface casinghead. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

a) Upon installation
b) After any component changes
c) Thirty days after a previous test
d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip.

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' - 900'	FW Spud Mud	8.5 - 9.2	35-40	NC	NC	NC	NC
900' - 4200'	BW	9.6 - 10.0	29-30	NC	NC	NC	NC
4200' - 11,800'	Cut Brine Mud	9.1 - 9.6	34-40	10-14	12-18	15-18	9-9.5

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

Drill stem tests will be performed on significant shows in zones of interest.

B) LOGGING

GR-CNL-LDT, GR-DIL-MSFL run from TD (11,800') to 4200', GR-CNL intermediate casing to surface. Dipmeter over Strawn interval.

C) CORING

No cores are anticipated.

D) CEMENT

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT^3/SX
Surface	688 (100% excess circ to surface)	900	Class "C" with 2% CaCl2 and 1/4 ppg Cello-Flake	6.3	14.8	1.32
Intermediate	1640 (100% excess circ to surface)	4200	Class "C" with Salt	6.3	14.8	1.32
Production	1100 (50% excess)	8100	Class "H" w/additives for Wtr Loss Control	10.6	13.2	1.92

E) DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout Delaware, Bone Spring, Wolfcamp and Strawn sections.

BHP 5487 psi max or ECD of 8.9 ppg at TD, BHT 154°.

Lost circulation can occur from surface to 4200'.

H_2S is not anticipated in this area, although H_2S safety equipment will be installed at 4200' to insure the proper safety, should any occur.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon Approval

40 days drilling operations

10 days completion operations

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: SOHACK "33" FEDERAL #1

LEGAL DESCRIPTION - SURFACE: 660' FSL & 1980' FWL, Section 33, T-19-S, R-31-E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit "A".

B) Existing Roads:

From Carlsbad, go northeast on U.S. 62-180, approx 14.5 miles to it's intersection with Hwy 360 North. Go north on Highway 360 for approximately 6 miles, then turn right on Sugart Road 222 and go 4 miles. Turn right on caliche road for 3 miles, then left for 1 mile to location.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

See Exhibit "A". The new road will be 12' wide and approximately 3000' long. The road will be constructed of watered and compacted caliche.

B) Width

Not applicable.

C) Maximum Grade

Not applicable.

D) Turnouts

None.

E) Culverts, Cattle Guards, and Surfacing Equipment

None.

POINT 3: LOCATION OF EXISTING WELLS

Exhibit "B" indicates existing wells within the surrounding area.

POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES

A) Existing facilities within one mile owned or controlled by lessee/operator:

Production facilities and one well are shown on Exhibit "B" at Big Eddy Unit #33 location.

B) New Facilities in the Event of Production:

Additional production facilities will be installed as required at the proposed location.

C) Rehabilitation of Disturbed Areas Unnecessary for Production:

Those access areas required for continued production will be graded to provide drainage and minimize erosion. The areas unnecessary for use will be graded to blend in the surrounding topography - See Point 10.

POINT 5: LOCATION AND TYPE OF WATER SUPPLY

A) Location and Type of Water Supply

Brine water will be hauled from the State 24 Well #1 Jim's Water Station located on Highway 217, 2.75 miles from Highway 360 intersection. Fresh water will be hauled from Marbob Energy Freshwater - Turkey Track well #1 located 11.5 miles north on Highway 360, then turn east on road 702 for 3.5 miles to station.

B) Water Transportation System

Water hauling to the location will be over the existing and proposed roads.

POINT 6: SOURCE OF CONSTRUCTION MATERIALS

A) Materials

Exhibit "A" shows location of caliche source.

B) Land Ownership

Federally owned.

C) Materials Foreign to the Site

No construction materials foreign to this area are anticipated for this drill site.

D) Access Roads

See Exhibit "A".

POINT 7: METHODS FOR HANDLING WASTE MATERIAL

A) Cuttings

Cuttings will be contained in the reserve pit.

B) Drilling Fluids

Drilling fluids will be contained in the reserve pit.

C) Produced Fluids

Water production will be contained in the reserve pit.

Hydrocarbon fluid or other fluids that may be produced during testing will be retained in test tanks. Prior to cleanup operations, any hydrocarbon material in the reserve pit will be removed by skimming or burning as the situation would dictate.

D) Sewage

Current laws and regulations pertaining to the disposal of human waste will be complied with.

E) Garbage

Portable containers will be utilized for garbage disposal during the drilling of this well.

F) Cleanup of Well Site

Upon release of the drilling rig, the surface of the drilling pad will be graded to accommodate a completion rig if testing indicates potential productive zones. In any case, the "mouse" hole and the "rat" hole will be covered. The reserve pit will be fenced and the fence maintained until the pit is backfilled. Reasonable cleanup will be performed prior to the final restoration of the site.

POINT 8: ANCILLARY FACILITIES

None required

POINT 9: WELL SITE LAYOUT

A) Rig Orientation and Layout

Exhibit "C" shows the dimensions of the well pad and reserve pits, and the location of major rig components. Only minor leveling of the well site will be required. No significant cuts or fills will be necessary.

B) Locations of Pits and Access Road

See Exhibits "A" and "C"

C) Lining of the Pits

The reserve pit will be lined with plastic.

POINT 10: PLANS FOR RESTORATION OF THE SURFACE

A) Reserve Pit Cleanup

A pit will be fenced immediately after spudding and shall be maintained until the pit is backfilled. Previous to backfill operations, any hydrocarbon material on the pit surface shall be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and soil adjacent to the reserve pit. The restored surface of the pit shall be contoured to prevent impoundment of surface water flow. Water- bars will be constructed as needed to prevent excessive erosion. Topsoil, as available, shall be placed over the restored surface in a uniform layer. The area will be seeded according to the Bureau of Land Management stipulations during the appropriate season following restoration.

B) Restoration Plans - Production Developed

The reserve pit will be backfilled and restored as described above under Item A. In addition, those areas not required for production will be graded to blend with the surrounding topography. Topsoil, as available, will be placed upon those areas and seeded. The portion of the site required for production will be graded to minimize erosion and provide access during inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C) Restoration Plans - No Production Developed

The reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the well site will be restored. The site will be contoured to blend with the surrounding topography and provide drainage of surface water. The topsoil, as available, shall be replaced in a uniform layer and seeded according to the Bureau of Land Management's stipulations.

D) Rehabilitations Timetable

Upon completion of drilling operations, the initial cleanup of the site will be performed as soon as weather and site conditions allow economic execution of the work.

POINT 11: OTHER INFORMATION

A) Terrain

Relatively flat.

B) Soil

Caliche and sand.

C) Vegetation

Sparse, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There are no ponds, lakes, streams, or rivers within several miles of the wellsite.

F) Water Wells

There is a water well approximately 2 miles northeast of location.

G) Residences and Buildings

None

H) Historical Sites

None observed.

I) Archeological Resources

An archeological survey will be obtained for this area. Before any construction begins, a full and complete archeological survey will be submitted to the Bureau of Land Management. Any location or construction conflicts will be resolved before construction begins.

J) Surface Ownership

The well site and new access road is on Federally owned land.

K) Well signs will be posted at the drilling site.

L) Open Pits

All pits containing liquid or mud will be fenced if livestock are present.

POINT 12: OPERATOR'S FIELD REPRESENTATIVE

(Field personnel responsible for compliance with development plan for surface use).

DRILLING
Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

PRODUCTION
Mike Waygood
1012 West Pierce, Ste. F
Carlsbad, New Mexico 88220
(505) 887-7329

Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

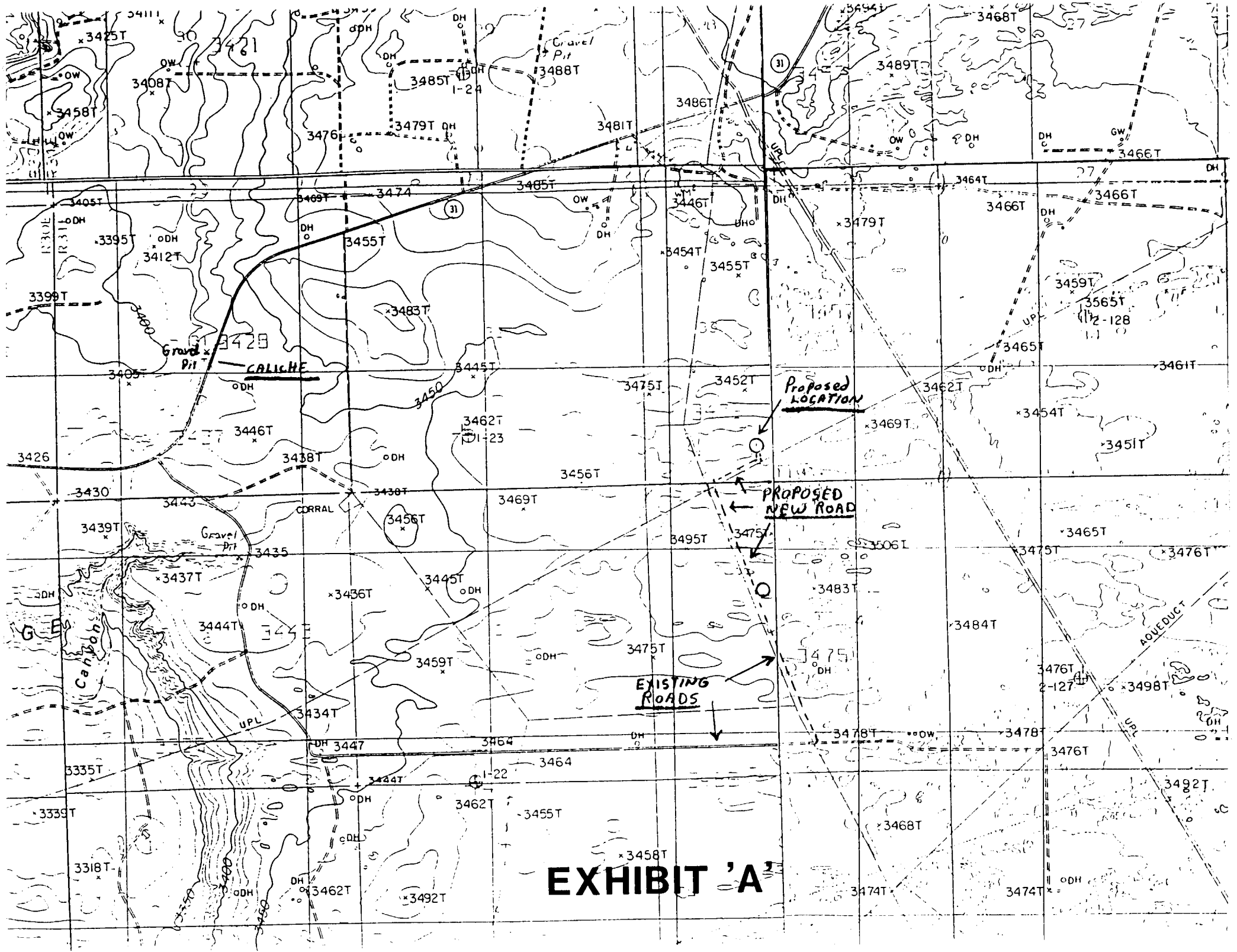
POINT 13: CERTIFICATION

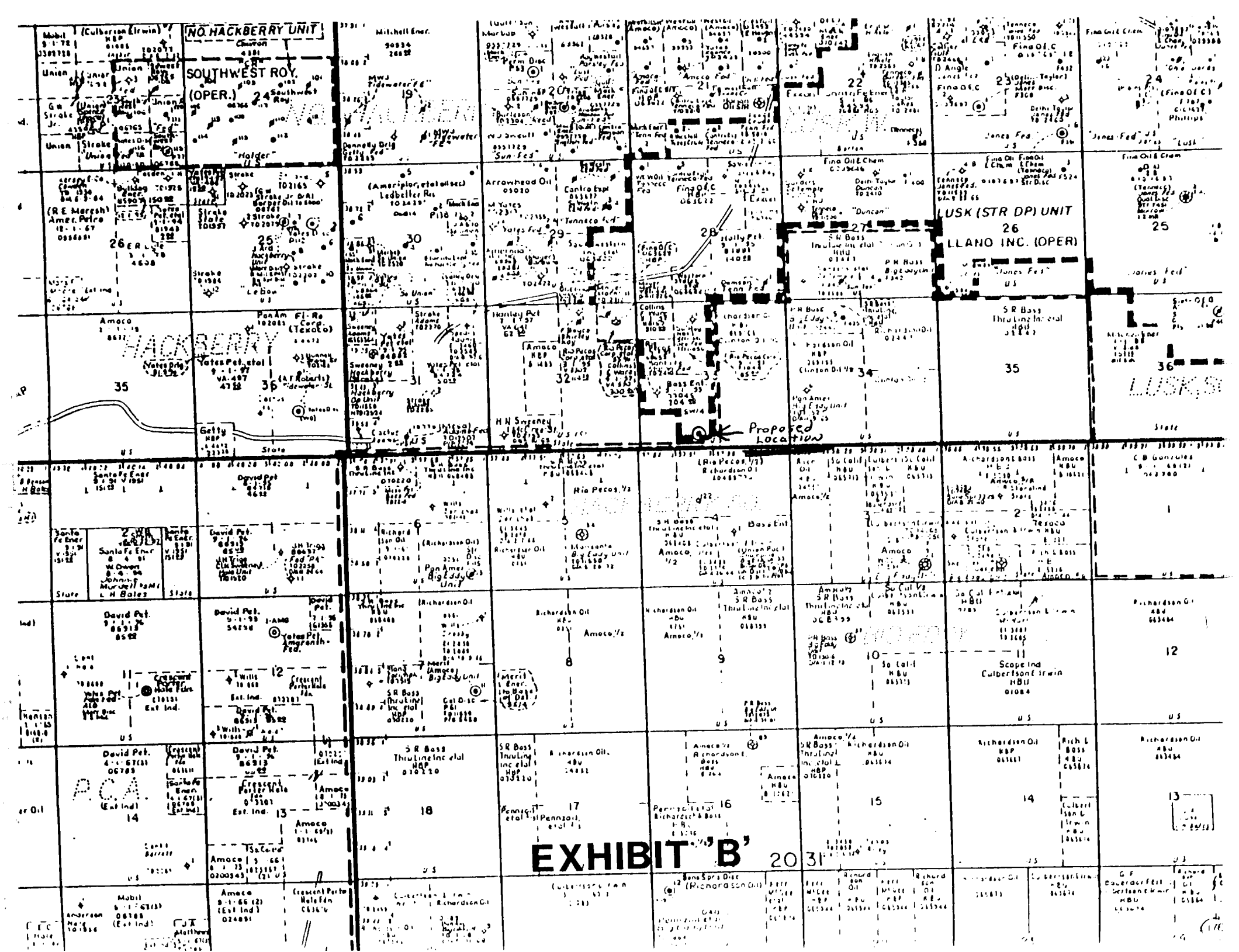
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bass Enterprises Production Co. and it's 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.

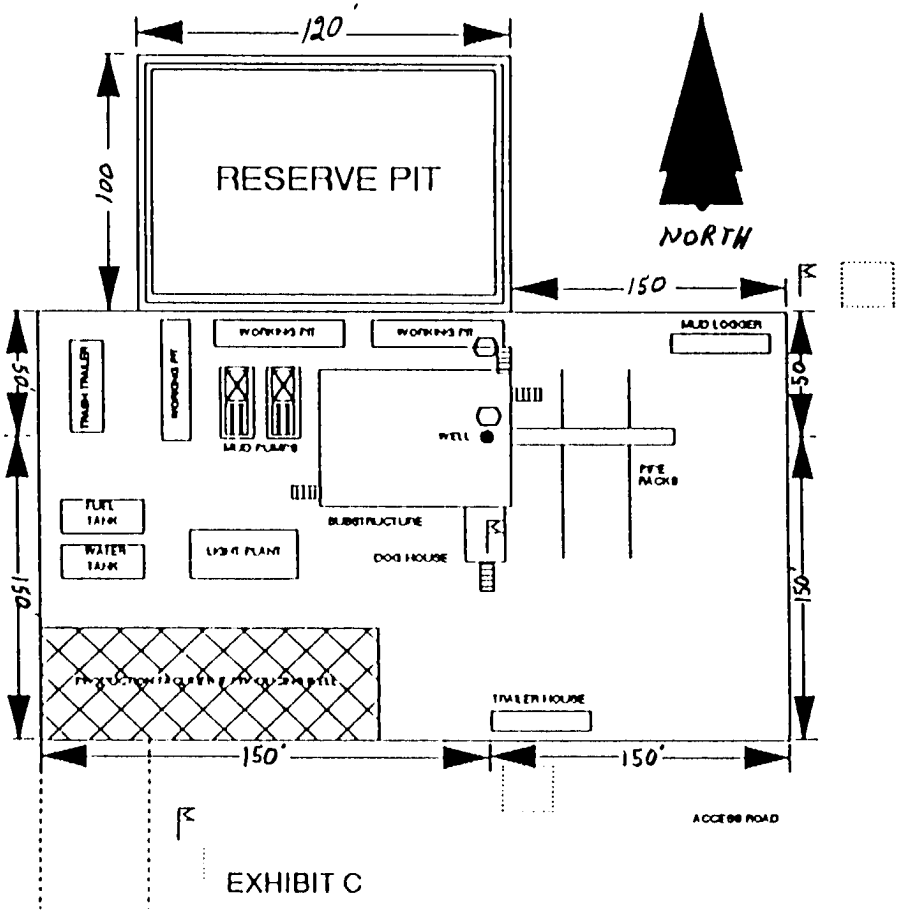
5/14/93
Date

Keith E. Bucy

MJE:sjw


Gravel Pit
CALICHE
Proposed LOCATION
PROPOSED NEW ROAD
EXISTING ROADS
CORRAL
Gravel Pit
Gravel Pit
Canadian
AQUEDUCT
I-24
I-23
I-22
2-128
2-127
EXHIBIT 'A'


NO. HACKBERRY UNIT
SOUTHWEST ROY. (OPER.)
LUSK (STR DP) UNIT
LLANO INC. (OPER)
Proposed Location
EXHIBIT 'B'

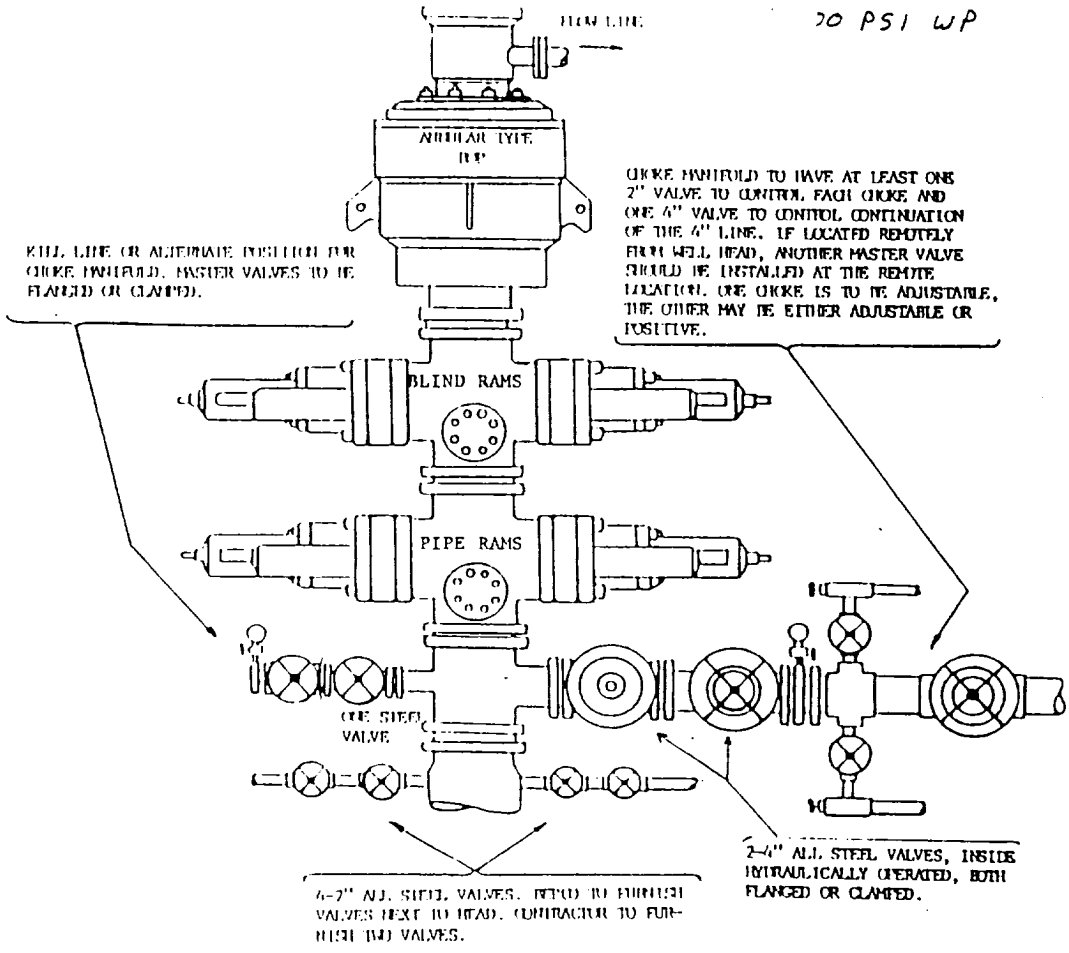


WIND DIRECTION INDICATORS

H2S MONITORS WITH ALARMS AT THE BELL NIPPLE AND THE SHALE SHAKER

SAFE BRIEFING AREA WITH CAUTION SIGNS AND PROTECTIVE BREATHING EQUIPMENT (MIN. 150 FEET FROM WELLHEAD)

EXHIBIT C



20 PSI WP

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

A. Conditions may be met with an annular type blowout preventer and a double ram blowout preventer, blind rams on top and pipe rams on bottom above a choke spool.

B. Opening on choke spool to be flanged, studded or clamped.

C. All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch in diameter.

D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.

E. All connections to and from preventer to have a pressure rating equivalent to that of the BOP's.

F. Manual controls to be installed before drilling cement plug.

G. Kelly cock to be installed on kelly.

H. Inside blowout preventer to be available on rig floor.

I. Dual operating controls: one located by drillers position and the other located a safe distance from the rig floor.

BEPCO IV

THREE CLOSURE HYDRAULIC BLOWOUT PREVENTERS

H_2S DRILLING OPERATIONS PLAN

A. H_2S Training

All personnel involved in this drilling operation, whether assigned, contracted or employed on a regular basis, will receive training from a qualified instructor prior to commencing drilling operations on this well.

B. Well Site Diagram

1)	Drilling Rig orientation:	See Exhibit "C"
2)	Prevailing wind direction:	SW
3)	Terrain of surrounding area:	See Point 11
4)	Location of briefing areas:	See Exhibit "C"
5)	Location of access road:	See Exhibit "B" & "C"
6)	Location of flare line and pits:	See Exhibit "C"
7)	Location of caution or danger signs:	See Exhibit "C"

C. Description of H_2S Safety Equipment/Systems

1) Well control equipment: See BOP Diagram

   a. Flare line and means of ignition: NA
   b. Remote controlled choke: NA
   c. Flare gun/flares: NA
   d. Mud-gas separator and rotating head: NA

2) Protective Equipment for Essential Personnel

   a. Location, type, storage and maintenance of all working and escape breathing apparatus: Scott breathing packs located at briefing areas shown on Exhibit "C" and on the floor. Stored in water-proof container and maintained on a monthly basis by third party safety company.
   b. Means of communication when using protective breathing apparatus: Hand signals or microphones in the breathing packs are used for communication.

3) H_2S Detection and Monitoring Equipment

   a. H_2S sensors and associated audible/visual alarm(s): Otis sensors are used with a visual light @ 10 ppm and siren @ 20 ppm.
   b. Portable H_2S and SO_2 monitor(s): Bendix Pumps

4) Visual Warning Systems

   a. Wind direction indicators: See Exhibit "C"
   b. Caution/danger sign(s) and flag(s): See Exhibit "C"

5) Mud Program

   a. Mud systems and additives: See Point 5
   b. Mud degassing system: NA

6) Metallurgy

   a. Metallurgical properties of all tubular goods and well control equipment which could be exposed to H_2S: All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H_2S service.

7) Means of Communication from Wellsite: Phones in trailer and on rig floor.

D. Plans for Well Testing

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 will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill stem testing operations conducted in an H_2S environment will use the closed chamber method of testing.