

CONFIDENTIAL

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 100-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 22 1989

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL SEP 22 1989 DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL DIVISION OF OIL, GAS & MINING
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Yates Petroleum Corporation (505) 748-1471

3. ADDRESS OF OPERATOR
 105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 700' FSL & 2200' FEL (SWSE)
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 7 air miles ESE of Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 700'

16. NO. OF ACRES IN LEASE 2,475

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. N/A

19. PROPOSED DEPTH 6,520' *akeh*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,006' ungraded ground

22. APPROX. DATE WORK WILL START* Oct. 1, 1989

5. LEASE DESIGNATION AND SERIAL NO. U-39243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A

7. UNIT AGREEMENT NAME Pinto

8. FARM OR LEASE NAME Shane Federal

9. WELL NO. #2

10. FIELD AND POOL, OR WILDCAT Wildcat (001)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-37s-24e SLBM

12. COUNTY OR PARISH San Juan

13. STATE Ut.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48* (H-40, ST&C)	80'	≈75 cu ft or to surface
12-1/4"	8-5/8"	24*(J-55, ST&C)	2,400'	≈1,525 cu ft or to surface
7-7/8"	5-1/2"	15.5(J-55, ST&C)	6,520'	≈500 cu ft or to 5,000'

1. Federal lease is all Sections 5-8, T. 37 S., R. 24 E., San Juan County, Utah. All of lease is in unit.
2. Request exception to Rule 302 because of geology. Exception is to quarter-quarter line, not to another well, lease line (700' away), nor unit line (826' away).
 - a) Orthodox well could be drilled at 660 FS & 2180 FE but, archaeological site just southeast of pad precludes this option.
 - b) Request permission to drill at 700' FSL & 2200' FEL 7-37s-24e, San Juan County, Utah.
 - c) One existing well offsets the proposed exception, it is Samedan's Shane Federal#1 (a unit well) which is 1,262' northwest in NESW 7-37s-24e. Seven potential wells could offset the proposed location and six would be in Samedan's Pinto Unit.
 - d & e) Yates is the lessee or operator of all lands & drilling units within a minimum 826' radius.

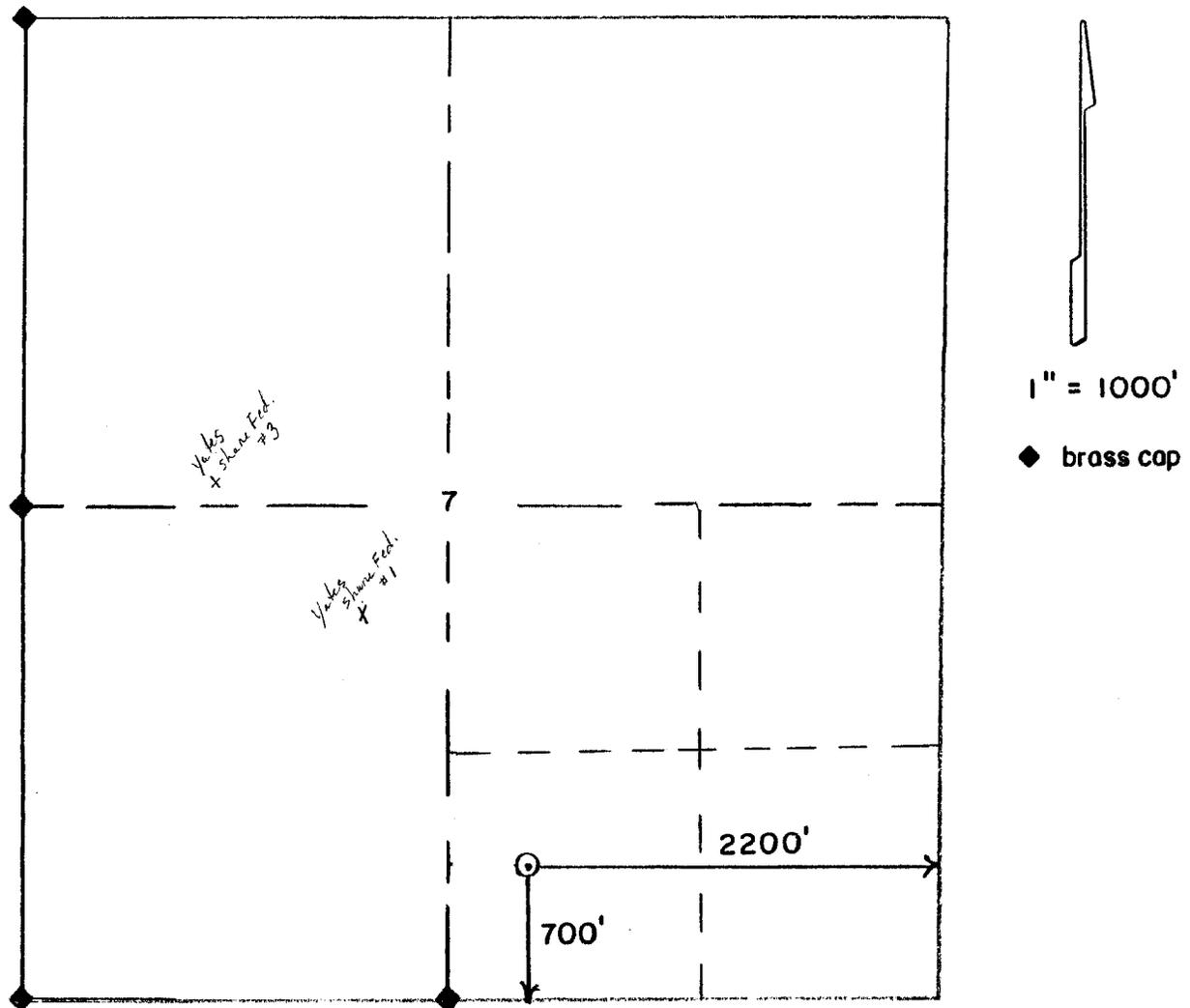
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED [Signature] TITLE Consultant DATE 9-19-89

(This space for Federal or State office use)
 PERMIT NO. 43-037-31474 APPROVAL DATE 9-29-89
 APPROVED BY [Signature] TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____
 cc: Beardemph... APPROVED BY [Signature] DATE 9-29-89
 BY: [Signature]
 WELL SPACING: RL615-2-3

*See Instructions On Reverse Side

Well will be drilled by Yates Petroleum Corporation. If productive, well will be operated by Samedan Oil Corporation as operator of the Pinto Unit. Samedan has filed a Designation of Agent.



WELL LOCATION DESCRIPTION:
 SAMEDAN OIL, Shane Federal # 2
 700' FSL & 2200' FEL
 Section 7, T.37 S., R.24 E., SLM
 San Juan County, UT
 6006' ground elevation

The above plat is true and correct my knowledge and belief

5 September 1989

Gerald G. Huddleston
 No. 8705
 GERALD G. HUDDLESTON
 HUDDLESTON, UT
 Gerald G. Huddleston, LS
 REGISTERED LAND SURVEYOR
 STATE OF UTAH

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All lease operations will be conducted in full compliance with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas Order #1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. Yates Petroleum Corporation will furnish a copy of these conditions to its field representative to assure compliance.

Drilling Program

1. ESTIMATED FORMATION TOPS

<u>Formation Name</u>	<u>Depth from GL*</u>	<u>Depth from KB*</u>	<u>Subsea Depth*</u>
Dakota Ss	000'	13'	+6,006'
Morrison Ss & Sh	100'	113'	+5,906'
Entrada Ss	1,122'	1,135'	+4,884'
Navajo Ss	1,327'	1,340'	+4,679'
Chinle Sh	2,222'	2,235'	+3,784'
Shinarump Ss	2,902'	2,915'	+3,104'
Cutler Ss & Sh	3,007'	3,020'	+2,999'
Honaker Trail	4,822'	4,835'	+1,184'
Paradox Sh	5,972'	5,985'	+ 34'
Upper Ismay Ls	6,132'	6,145'	- 126'
Lower Ismay Ls	6,312'	6,325'	- 306'
Desert Creek Ls	6,387'	6,400'	- 381'
Akah Shale	6,487'	6,500'	- 481'
Total Depth (TD)	6,520'	6,533'	- 514'

* based on an ungraded GL of 6,006'

2. NOTABLE ZONES

The estimated depths from ungraded GL at which water, oil, gas, or other

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mineral bearing zone formation tops are expected to be encountered are:

Possible Fresh Water Zones

Dakota: 000'

Morrison: 100'

Entrada: 1,047'

Navajo: 1,237'

Possible Uranium Zones

Morrison: 100'

Chinle: 2,142'

Possible Oil & Gas Zones

Honaker Trail: 4,747'

Upper Ismay: 5,987'

Lower Ismay: 6,167'

Desert Creek: 6,247'

Possible Salt Water Zones

Shinarump: 2,812'

Cutler: 2,922'

Water bearing zones will be protected with weighted mud. All of the above fresh water zones encountered during drilling will be recorded by depth, cased, and cemented. Promising oil and gas shows will be tested for commercial potential as determined by the wellsite geologist.

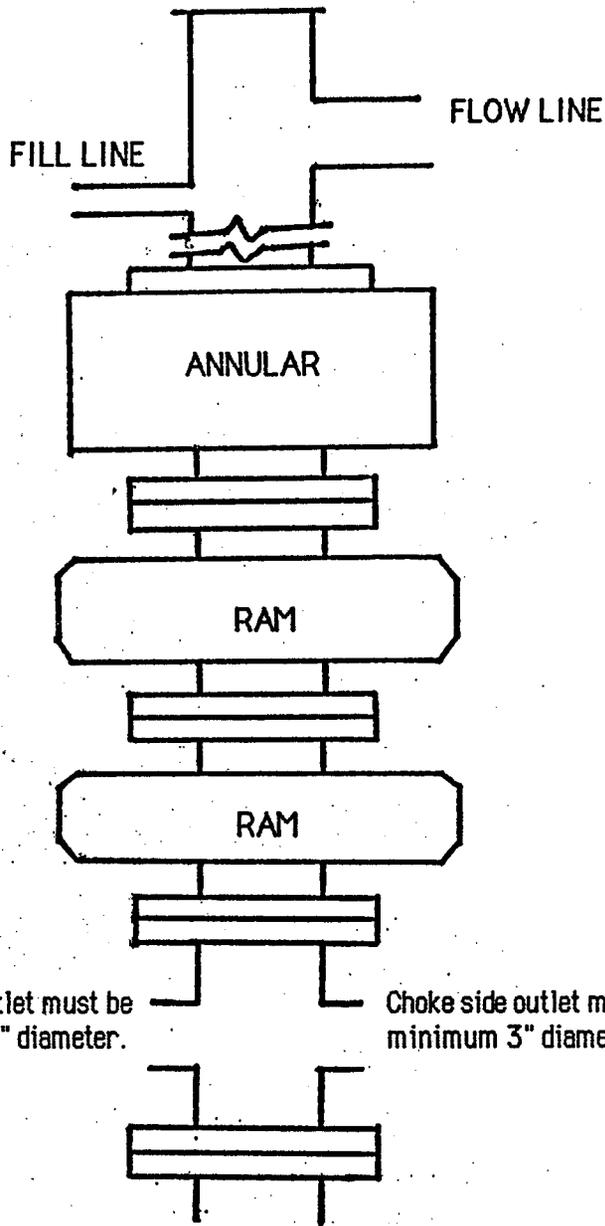
3. PRESSURE CONTROL (Also see "5." on PAGE 4)

BOP systems will be consistent with Onshore Order #2. A 3,000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let. A kelly cock and sub with full opening valve will be on the floor.

Ram type preventers will be tested to the rated working pressure of the stack or to 70% of the internal yield of the casing, whichever is less. The annular type preventer will be tested to 50% of its rated working pressure.

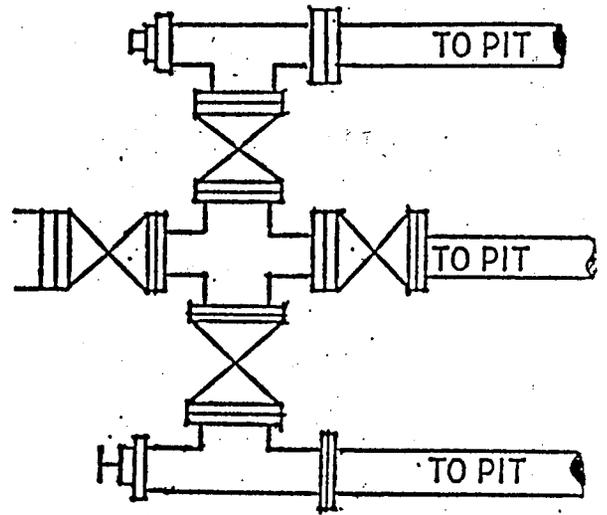
The Resource Area will be notified one day before pressure testing BOP. Pressure tests will be conducted with rig pumps before drilling out from under all casing strings which are set and cemented in place. BOP controls

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TYPICAL BOP STACK
 & CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.
 Safety valve and subs will fit all drill string connections in use.
 All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

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will be installed before drilling out the surface casing plug, and will stay in use until the well is completed or abandoned. Preventers will be pressure tested before drilling casing cement plugs.

BOPs will be inspected and operated at least daily to assure good mechanical working order. All BOP mechanical tests, pressure tests, and inspections will be recorded on the drillers log or daily drilling report.

4. CASING & CEMENT

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>Setting Depth (GL)</u>
17-1/2"	13-3/8"	48#	H-40	ST&C	New	0' - 80'
12-1/4"	8-5/8"	24#	J-55	ST&C	New	0' - 2,400'
7-7/8"	5-1/2"	15.5#	J-55	ST&C	New	0' - 6,520'

Conductor Pipe (0' - 80'): Cement to surface with \approx 75 cu. ft. standard cement.

Surface Casing (0' - 2,400'): The Resource Area will be notified 1 day before running and cementing surface string. Casing will be set at least 150' into Chinle. Shoe @ \approx 2,400' and float @ \approx 2,360'. Cement to surface in one stage with \approx 1,525 cu. ft. (50% excess) Class C cement with 2% CaCl₂.

Production Casing (0' - 6,520'): Cement across zones of interest in one stage, if warranted, with \approx 500 cu. ft. (50% excess) Class C to estimated top at 5,000'. Float collar will be set \approx 40' above TD with casing shoe at TD (6,520').

5. MUD PROGRAM

There will be a flow sensor and pit level indicator.

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<u>Depth</u>	<u>Type</u>	<u>Weight (ppg)</u>	<u>Viscosity (sec/qt)</u>	<u>FL(cc)</u>
0' - 5,500'	Fresh Water			
5,500' - 6,520'	Fr. Water gel & starch	8.5-9.8	35-45	10-15

6. CORING, TESTING, & LOGGING

No cores are planned. Cuttings will be collected every 10' from the base of the surface casing (2,400') to TD (6,520'). Drill stem tests may be run in the Upper and Lower Ismay (primary objectives), Desert Creek (secondary objective), and elsewhere (e.g., Honaker Trail) if good shows are found. The following logs may be run from the base of the surface casing to TD:

CIL and CNL/LDT
Dipmeter
DLL and BHC-Sonic

Whether the well is completed as a dry hole or producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted no more than 30 days after well completion or recompletion *per* 43 CFR 3162.4-1(b). Two copies of all logs, core descriptions & analyses, well test data, geologic summaries, sample descriptions, and all data obtained during drilling, workover, and/or completion operations, will be filed with Form 3160-4. (If requested, sample cuttings, fluids, and/or gases will be submitted to the District Office.)

7. DOWNHOLE CONDITIONS

The maximum anticipated bottom hole pressure is \approx 2,600 psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected.

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8. MISCELLANEOUS

The anticipated spud date is October 1, 1989. It is expected it will take \approx 3 weeks to drill the well and \approx 10 days to complete the well.

The spud date will be phoned to the Resource Area, a minimum of 24 hours before spudding. A Sundry Notice (Form 3160-5), reporting the spud date and time, will be sent to the District Office within 24 hours after spudding. If spudded on a weekend or holiday, the Sundry will be sent on the following regular week day.

Starting with the month in which operations begin, and continuing each month until the well is physically plugged and abandoned, a "Monthly Report of Operations" (Form 3160-6) will be filed with MMS.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or other unusual events will be promptly reported to the Resource Area *per* NTL-3A.

If the well is successfully completed for production, then the District Office will be notified. Written notice will be sent no more than 5 business days following the date on which the well is placed on production. The Resource Area will schedule a first production conference within 15 days of receipt of the first production notice.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMcf of gas. Approval to vent/flare beyond this initial period will require the District Office's approval *per* NTL-4A.

A Sundry Notice will be sent to the District Office within 30 days after completion of the well for abandonment. The Sundry will note where plugs were set and the current status of surface restoration. Final abandonment will not be approved until reclamation required by the approved APD or

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abandonment notice has been completed to the Area Manager's satisfaction.

Once plugged, a regulation dry hole marker will be installed. The following information will be beaded on with a welding torch: Yates Petroleum Corporation, Shane Federal #2, SWSE 7-37s-24e, U-39243.

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13 Point Surface Use Plan

1. DIRECTIONS & EXISTING ROADS (See PAGES 16 & 17)

From US 666 in Monticello, go south ≈ 11.6 mi. on US 191.
Then turn left and go southeast ≈ 2.9 mi. on gravel County Road #204 (Alkali Road).
Then turn left and go southeast ≈ 9.8 mi., still on gravel county road #204.
Then turn right and go west ≈ 0.1 mi. on a road to the Shane #1 well.
Then turn left at the pad and go southeast on a flagged route for ≈ 0.3 mi. to the well, crossing over a Western Gas Processors gas pipeline and Unocal crude pipeline, and under a Utah Power & Light 345 kv powerline.

Existing roads are successively state, county, and BLM. No upgrading is needed. Roads will be maintained to a standard at least equal to their present condition. An Encroachment Permit has been approved by the San Juan County Road Department.

2. NEW ROAD (See PAGE 17)

Construction will begin at the northeast corner of the Shane #1 well. There will be ≈ 0.3 mi. of new road to be built. All will be flat bladed with a 16' wide running surface and 30' maximum disturbed width. No culverts (unless production results), cattleguards, or turnouts are needed. Maximum cut or fill will be 3' (padding over the 2 pipelines). Maximum grade is 4%.

Surface disturbance and vehicle travel will be limited to the approved location and road. Any additional area needed will be approved in advance by the Area Manager. This is critical since the road passes several

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archaeological sites.

The new road will be water barred or upgraded to Class 3 Road Standards within 60 days of dismantling the drill rig. If the deadline cannot be met, the Resource Area will be notified so that temporary drainage control can be installed. Class 3 Road Standards control drainage through the use of topography, ditch turnouts, dips, outsloping, crowning, low water crossings, and an 18" culvert.

3. EXISTING WELLS (See PAGE 17)

There are no water, injection, or disposal wells within one mile. There are 2 existing or proposed oil or gas wells within a one mile radius. All are in Section 7. They are:

Samedan's Shane Federal #1 is 1,262' away @ 1565 FSL & 1835' FWL
Yates' Shane Federal #3 will be 2,695' away @ 2510' FNL & 1020' FWL

4. PROPOSED PRODUCTION FACILITIES

The type and layout of the production facilities are not known now. It is anticipated production will be piped parallel along the access road to the Shane #1. A Sundry Notice will be submitted before they are installed.

All permanent (on site for 6 or more months) surface facilities will be painted Juniper green. Painting will be completed within 6 months of installation. Parts required to comply with OSHA colors are excluded.

The tank battery will be surrounded by a dike of sufficient capacity to contain 150% of the storage capacity of the largest tank in the battery. All loading lines and valves will be placed inside the dike.

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All site security guidelines in 43 CFR 3162.7-5 and Onshore Order #3 will be obeyed.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease must have prior written approval from the District Office.

Oil and gas will be measured *per* Onshore Orders #4 & #5, respectively. Gas meter run will be within 500' of its wellhead. The gas line will be buried from the wellhead to the meter and downstream on the remainder of the pad. Meters will be housed and/or fenced.

5. WATER SUPPLY (See PAGE 17)

Water will be trucked \approx 14 mi. from Recapture Lake. An Application to Appropriate Water has been approved by the State of Utah Div. of Water Rights.

6. CONSTRUCTION METHODS & MATERIALS

The Resource Area will be notified 48 hours before starting construction.

Before wellpad construction starts, the southeast side of the pad will be fenced with one strand of barbed wire to protect an archaeological site.

Pad construction materials are native *in situ* soils on lease. The use of materials under BLM jurisdiction will comply with 43 CFR 3610.1-3.

Brush and the top 6" of soil will be stockpiled north of the reserve pit and northeast of the pad. Topsoil along the access will be reserved by windrowing along the road. Over half of the reserve pit capacity is in cut.

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7. WASTE DISPOSAL

The reserve pit will be fenced on 3 sides with 4 strands of barbed wire or woven wire topped with barbed wire. The 4th side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries.

All trash will be placed in a trash cage near the mud tanks. When full, it will be hauled to the Blanding dump or an approved landfill in Dolores County or Montezuma County, Colorado. A burning permit is required for burning trash between May 1 and October 31. Call the San Juan County Sheriff at (801) 587-2237 for a burning permit. The road and pad will be kept litter free.

Human waste will be disposed of in 10' deep ratholes or chemical toilets. The ratholes will be immediately filled when the trailers are removed.

Produced water will be confined to the reserve pit for a period not to exceed 90 days after initial production. During the 90 day period an NTL-2B application will be submitted for the District Manager's approval of a permanent disposal method and site.

8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Three camper trailers may be on site for the company man, mud logger, and tool pusher.

9. WELL SITE LAYOUT

See PAGES 18-20 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, trash cage, access onto the pad, parking, living facilities, and rig orientation.

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10. RECLAMATION

Immediately upon completion of drilling, all trash and debris will be collected from the pad and surrounding area and placed in the trash cage.

Yates' dirt contractor will call the Resource Area 48 hours before starting reclamation with earth moving equipment, and after completing reclamation. The reserve pit will be totally dry before it is backfilled.

All disturbed areas will be recontoured to blend as nearly as possible with the natural topography.

Topsoil and brush will be spread evenly over the disturbed area. All disturbed areas will be ripped 6" deep with the contour.

Seed will be broadcast between October 1 and February 28 with the following mix. A harrow or similar implement will be dragged over the area to assure seed cover. If not covered, then rates will increase 50%.

<u>Species</u>	<u>Rate (pounds/acre)</u>
Indian ricegrass	1
Crested wheatgrass	2
Western wheatgrass	2
Fourwing saltbush	1
Desert bitterbrush	1
Yellow sweetclover	1
Wild sunflower	1
Black sagebrush	0.5

The new road will be blocked to prevent vehicle access and reclaimed. The reserve pit and that part of the pad not needed for production will be reclaimed as previously described.

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11. SURFACE OWNERS

The well and all road construction are on federal land administered by BLM. All other access is on public roads.

12. OTHER INFORMATION

The dirt contractor will be provided with an approved copy of the surface use plan.

There will be no change from the proposed drilling and/or workover plan without prior approval from the District Manager. A Sundry Notice will be filed for approval for all plan changes and other operations *per* 43 CFR 3162.6.

All drilling, producing, suspended, or abandoned wells will be identified *per* 43 CFR 3162.6.

All people in the area who are associated with the project will be informed that they can be prosecuted for disturbing archaeological or paleontological sites or collecting artifacts, arrowheads, or fossils.

If at any time facilities located on public lands authorized by the lease terms are no longer included in the lease (due to unit contraction or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rent, or other financial obligation determined by BLM.

This permit will be valid for one year from the date of approval. After permit expiration, a new permit will be filed for approval of any future operations.

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The District Office's mailing address is P.O. Box 970, Moab, Utah 84532.
The phone number is (801) 259-6111.

The Resource Area's mailing address is P.O. Box 7, Monticello, Utah 84535.
The phone number is (801) 587-2141.

The nearest hospital is a \approx 45 minute drive to Monticello. Monticello's hospital is 3 blocks northwest of the intersection of US 666 and US 191. Phone number is (801) 587-2116. The nearest medical helicopter is in Grand Junction, Colorado, at St. Mary's Hospital. Call (303) 244-2550.

13. REPRESENTATION AND CERTIFICATION

Anyone having questions concerning the APD or right-of-way should call:

Brian Wood
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87505
(505) 984-8120

The field representative for Yates Petroleum Corporation is Al Springer.

CERTIFICATIONS

I hereby certify that Yates Petroleum Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease and unit operations in conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease and unit activities is being provided by Yates Petroleum Corporation.

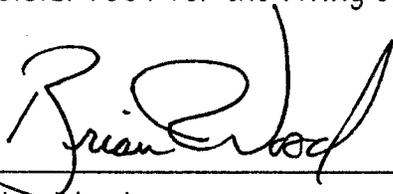
I hereby certify that I have inspected the proposed drill site and access

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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 Yates Petroleum Corporation and its 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.

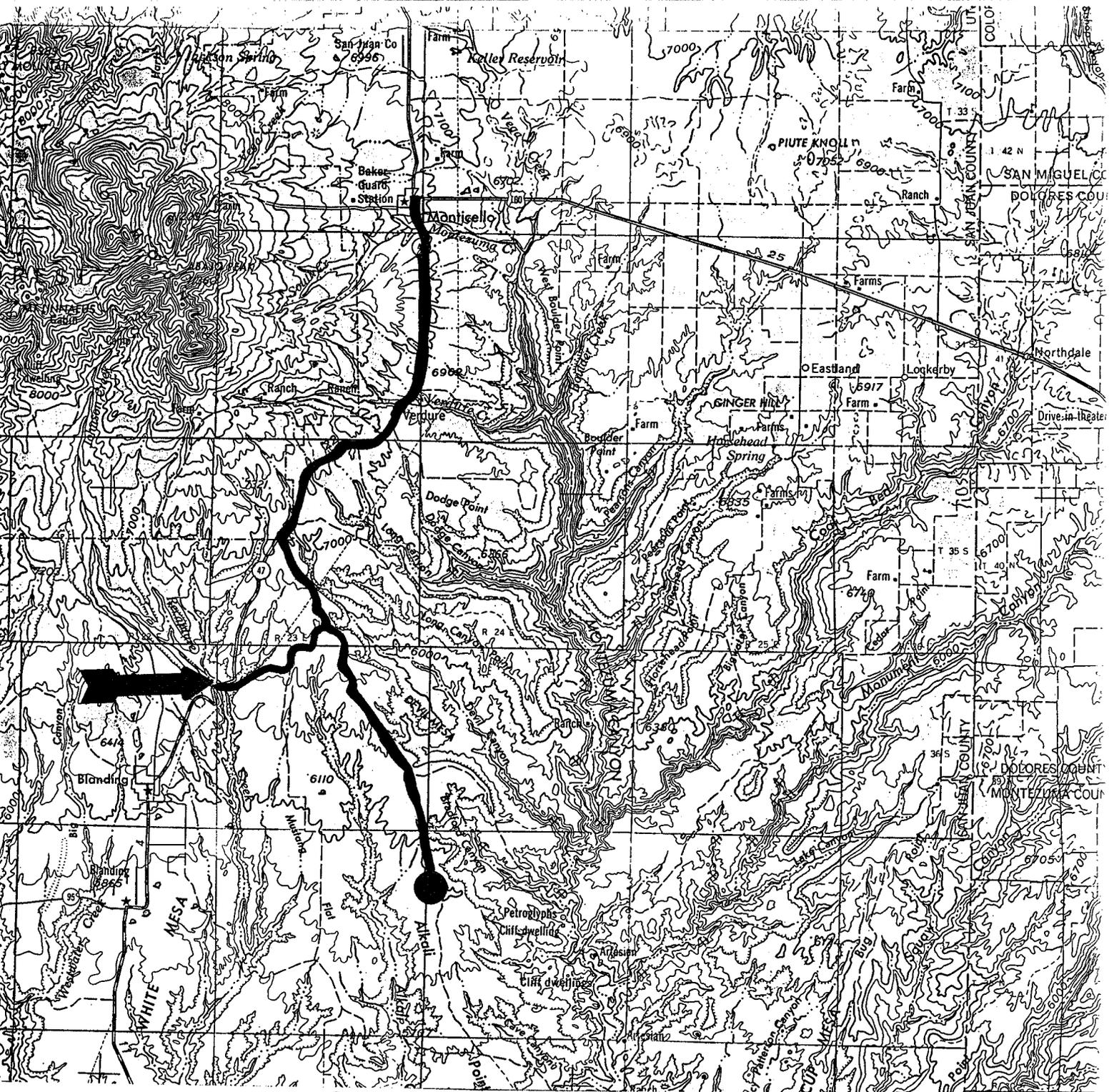


Brian Wood

September 19, 1989
Date

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PROPOSED WELL: ●

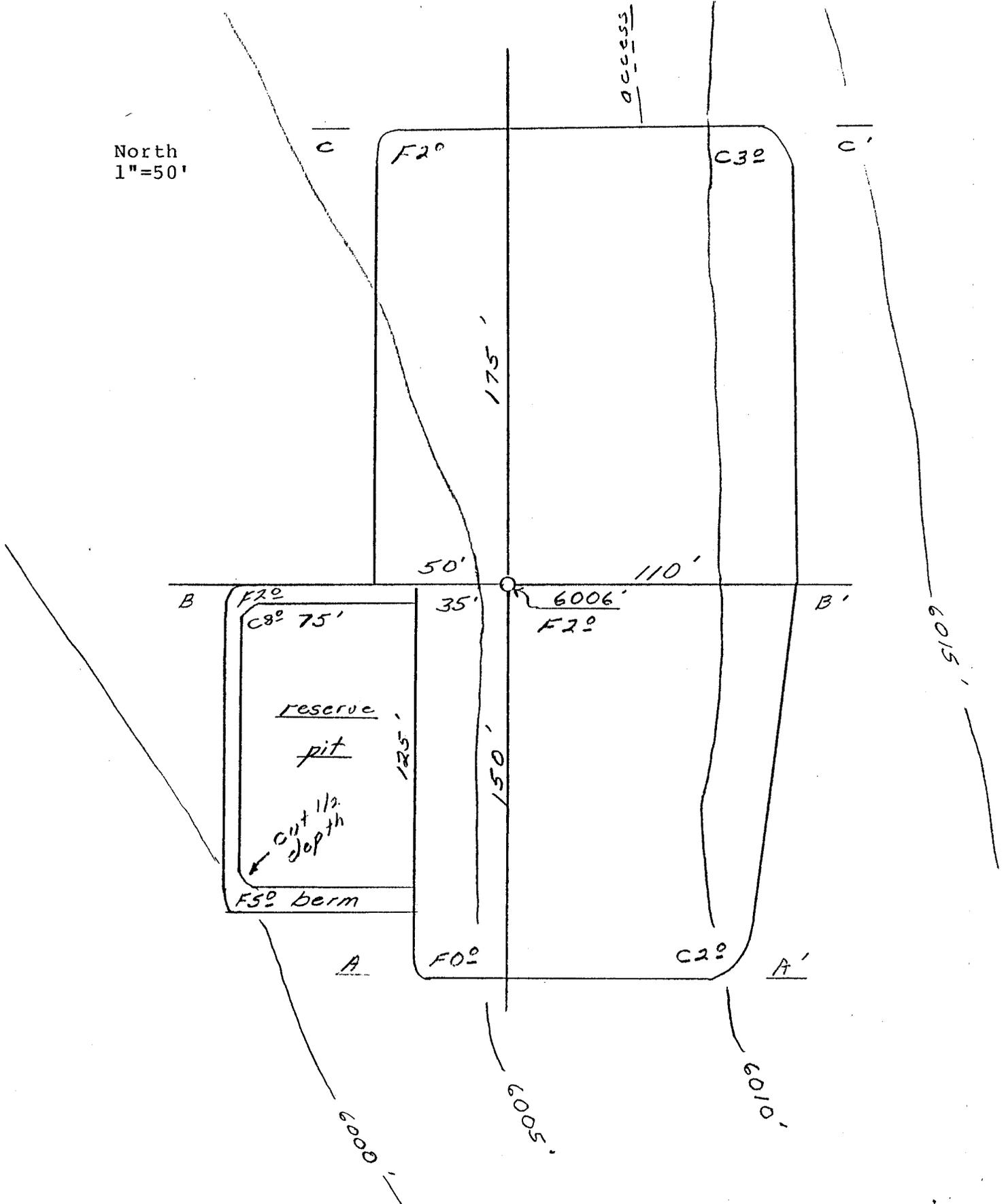
WATER SOURCE: →

ACCESS ROUTE: ~

Plan View Sketch

Shane Federal # 2

North
1"=50'

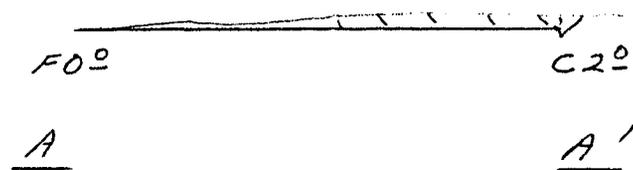
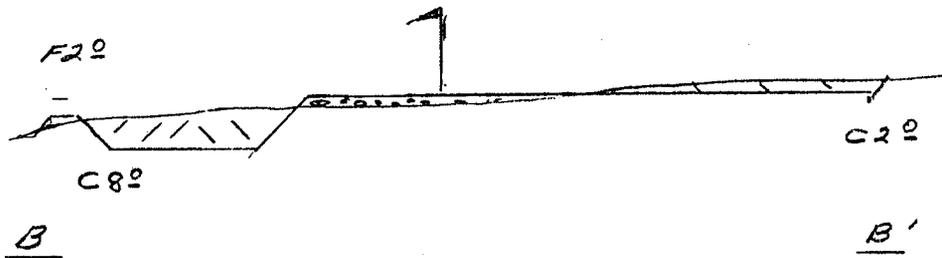
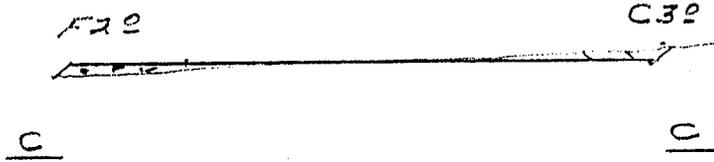


Cross Section

Shane Federal # 2

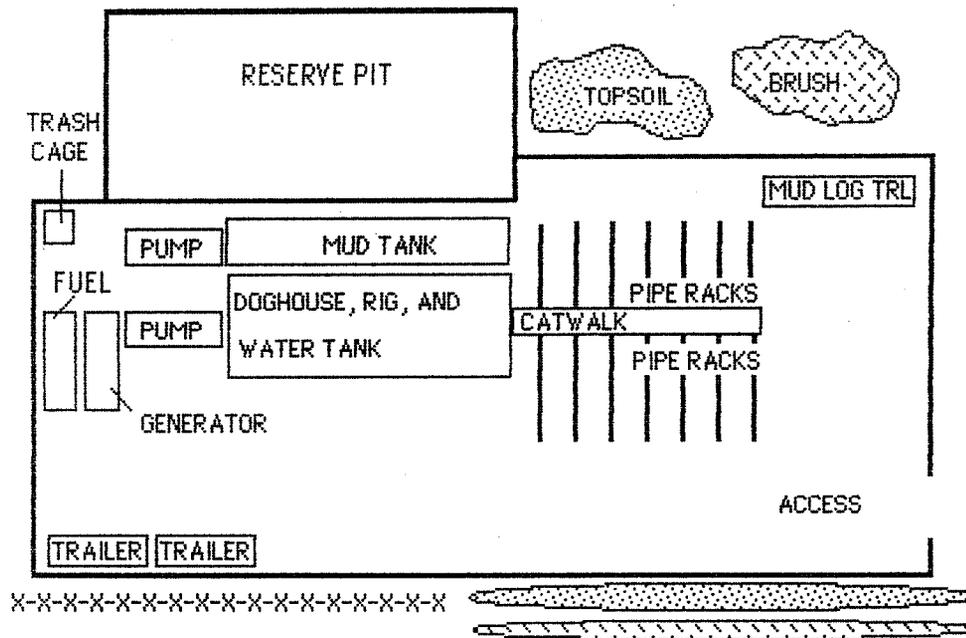
Cut 
Fill 

1"=50' Horz. & Vert.



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Fence archaeological site with 1 strand
barbed wire. AVOID SITE!!!!!!!!!!!!!!!



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OPERATOR Yates Petroleum Corp. (N7400) DATE 9-26-89

WELL NAME Shane Federal #2

SEC SWSE 7 T 37S R 24E COUNTY San Juan

43-037-31474
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Unit spacing.

Need Water Permit

1989 P.O.D. for Pinto Unit ok!

APPROVAL LETTER:

(See Amended APD) (2nd obligation well?)

SPACING: R615-2-3 Pinto UNIT R615-3-2

N/A CAUSE NO. & DATE R615-3-3

STIPULATIONS:

1. Water Permit # Pinto Unit Terminated 5-1-90.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

September 29, 1989

Yates Petroleum Corporation
105 South 4th Street
Artesia, New Mexico 88210

Gentlemen:

Re: Shane Federal #2 - SW SE Sec. 7, T. 37S, R. 24E - San Juan County, Utah
700' FSL, 2200' FEL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31474.

Sincerely,



R. J. Birth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

~~CONFIDENTIAL~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT IN TRIPLICATE*
(See instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

RECEIVED
NOV 01 1989

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Yates Petroleum Corporation (505) 748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

700' FSL & 2200' FEL (SWSE)

At proposed prod. zone

Same API # 43-037-31474

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 air miles ESE of Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

700'

16. NO. OF ACRES IN LEASE

2,475

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.

N/A

19. PROPOSED DEPTH

6,520'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,006' ungraded ground

22. APPROX. DATE WORK WILL START*

Oct. 1, 1989

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
--------------	----------------	-----------------	---------------	--------------------

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

Gene Nodine

TITLE

Consultant

DATE

9-19-89

(This space for Federal or State office use)

cc: Beardemph(3), MDO(3), SJRA, UDOGM(2)

PERMIT NO.

/s/ Gene Nodine

APPROVAL DATE

DISTRICT MANAGER

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OCT 27 1989

CONDITIONS OF APPROVAL ATTACHED

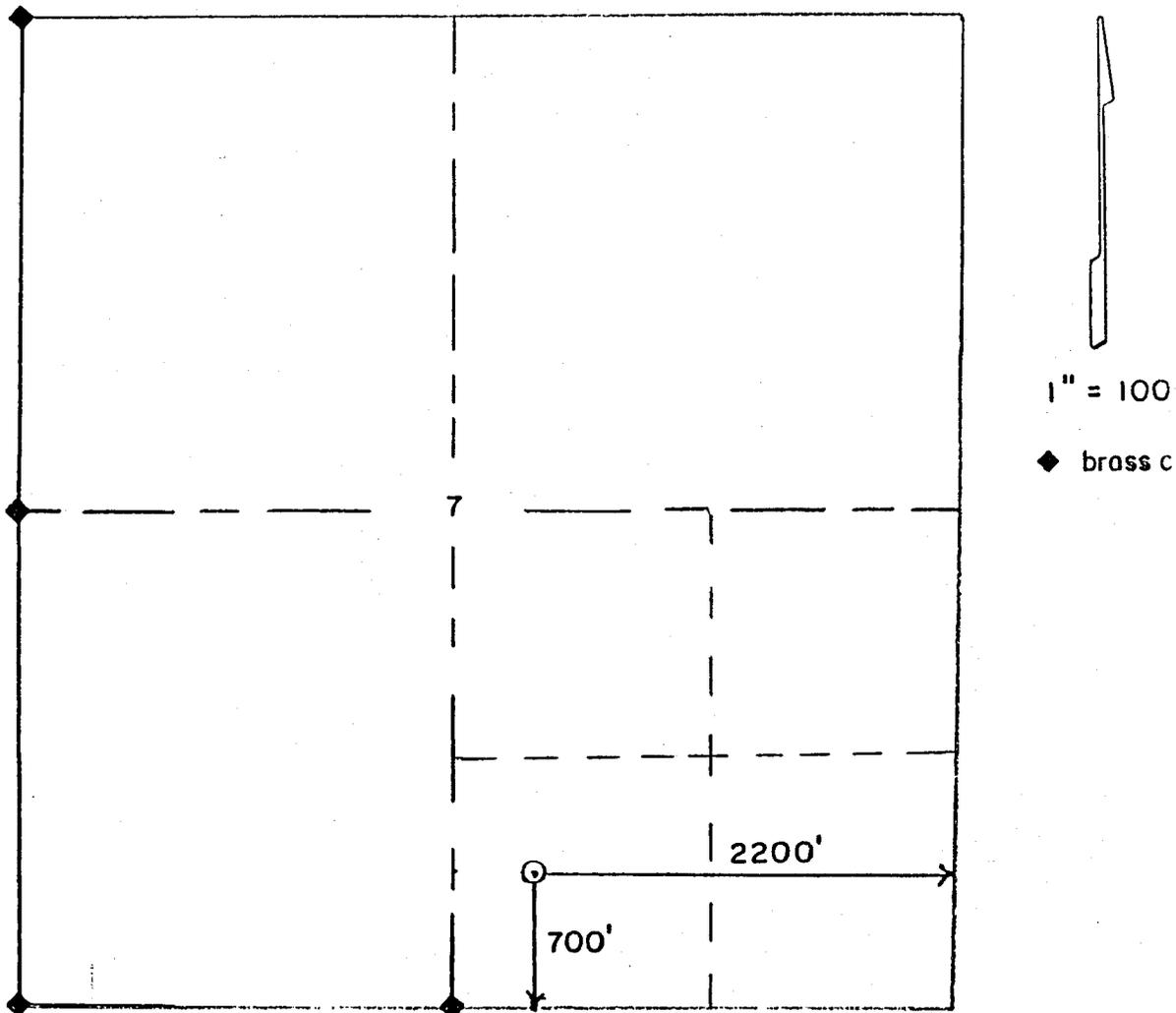
*See Instructions On Reverse Side

cc: SJRA 9/28/89

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.

DOGM

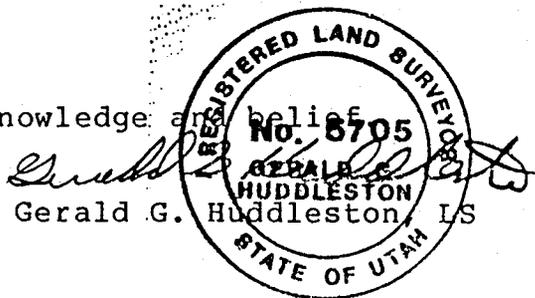
Well will be drilled by Yates Petroleum Corporation. If productive, well will be operated by Samedan Oil Corporation as operator of the Pinto Unit. Samedan has filed a Designation of Agent.



WELL LOCATION DESCRIPTION:
SAMEDAN OIL, Shane Federal # 2
700' FSL & 2200' FEL
Section 7, T.37 S., R.24 E., SLM
San Juan County, UT
6006' ground elevation

The above plat is true and correct my knowledge and belief

5 September 1989



Yates Petroleum Corporation
Well No. Shane Federal #2
SESW Sec. 7, T. 37 S., R. 24 E.
San Juan County, Utah
Lease U-39243

CONDITIONS OF APPROVAL

Approval of this application 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.

Be advised that Yates Petroleum Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0129. (Principal - Yates Petroleum Corporation) as provided for in 43 CFR 3104.3.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

Designation of Agent is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate resource area office of the Bureau of Land Management a completed file of all required Federal reports pertaining to the subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

A. DRILLING PROGRAM

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, Onshore Oil and Gas Order No. 2 and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

1. If unconsolidated rock is encountered, conductor shall be set ten (10) feet unto underlying bedrock with cement circulated to surface.
2. Surface casing will be set at least 50 feet into the Chinle Formation regardless of the depth the Chinle is encountered.

B. Additional Requirements According To Onshore Oil and Gas Order No. 2

- 3000 psi BOP & BOPE:

Annular preventer

Pipe ram, blind ram, and if conditions warrant, another pipe ram shall also be required,

A second pipe ram preventer or variable bore pipe ram preventer shall be used with a tapered drill string,

Drilling spool, or blowout preventer with 2 side outlets (choke side shall be a 3-inch minimum diameter, kill side shall be at least 2-inch diameter)

A minimum of 2 choke line valves (3-inch minimum),

Kill line (2-inch minimum)

3 inch diameter choke line,

2 kill line valves, one of which shall be a check valve (2 inch minimum),

2 chokes (refer to diagram in Attachment 1)

Pressure gauge on choke manifold

Upper kelly cock valve with handle available,

Safety valve and subs to fit all drill strings in use,

All BOPE connections subjected to well pressure shall be flanged, welded, or clamped,

Fill-up line above the uppermost preventer,

- If repair or replacement of the BOPE is required after testing, this work shall be performed prior to drilling out the casing shoe, and
- When the BOPE cannot function to secure the hole, the hole shall be secured using cement, retrievable packer or bridge plug packer, bridge plug or other acceptable approved methods to assure safe well conditions.

- Choke Manifold Equipment:

All choke lines shall be straight lines unless turns use tee blocks or are targeted with running tees, and shall be anchored to prevent whip and reduce vibration.

All valves (except chokes) in the kill line, choke manifold and choke line shall be a type that does not restrict the flow (full opening) and that allows a straight through flow.

Pressure gauges in the well control system shall be a type designed for drilling fluid service.

- 3000 psi system - Accumulator Equipment:

Accumulator shall have sufficient capacity to open the hydraulically controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. This is a minimum requirement. The fluid reservoir capacity shall be double the accumulator capacity and fluid level maintained at manufacturer's recommendations. The 3M system shall have 2 independent power sources to close the preventers. Nitrogen bottles (3 minimum) may be 1 of the independent power sources and, if so, shall maintain a charge equal to the manufacturer's specifications.

Accumulator precharge pressure test: This test shall be conducted prior to connecting the closing unit to the BOP stack and at least once every 6 months. The accumulator pressure shall be corrected if the measured precharge pressure is found to be above or below the maximum limit specified within Onshore Order Number 2.

Power for the closing unit pumps shall be available to the unit at all times so that the pumps shall automatically start when the closing unit manifold pressure has decreased to a pre-set level.

Each BOP closing unit shall be equipped with sufficient number and sizes of pumps so that, with the accumulator system isolated from service, the pumps shall be capable of opening the hydraulically-operated gate valve (if so equipped), plus closing the annular preventer on the smallest size drill pipe to be used within 2 minutes, and obtain a minimum of 200 psi above specified accumulator precharge pressure.

A manual locking device (i.e., hand wheels) or automatic locking devices shall be installed on all systems of 2M or greater. A valve shall be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve shall be maintained in the open position and shall be closed only when the power source for the accumulator system is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems shall be capable of closing all preventers.

- BOP Testing:

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing if BOP stack is not isolated from casing. Pressure tests on ram type preventers shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed off of pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular BOP pressure tests shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above tests shall be performed:

**When initially installed;

**Whenever any seal subject to test pressure is broken;

**Following related repairs; and

**At 30 day intervals.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s), the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly. Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

- Casing and Cementing:

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

All casing, except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

All of the above described tests shall be recorded in the drilling log.

All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

Surface casing shall have centralizers on at least the bottom three joints depending on severity of hole inclination.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.

- Mud Program Requirements:

The characteristics, use and testing of drilling mud and the implementation of related drilling procedures shall be designed to prevent the loss of well control. Sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring well control.

-Record slow pump speed on daily drilling report after mudding up.

-Visual mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume.

-A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

-All flare systems shall be designed to gather and burn all gas. The flare line(s) discharge shall be located not less than 100 feet from the well head, having straight lines unless turns are targeted with running tees, and shall be positioned downwind of the prevailing wind direction and shall be anchored. The flare system shall have an effective method for ignition. Where non-combustible gas is likely or expected to be vented, the system shall be provided supplemental fuel for ignition and to maintain a continuous flare.

- Drill Stem Testing Requirements:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

-A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions, or displaced into the formation prior to pulling the test tool. This would involve providing some means for reverse circulation.

-Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

-All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- Special Drilling Operations:

In addition to the equipment already specified elsewhere in Onshore Order No. 2 , the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head;
- Spark arresters on engines or water cooled exhaust;
- Blooie line discharge 100 feet from well bore and securely anchored;
- Straight run on blooie line unless otherwise approved;
- Deduster equipment;
- All cuttings and circulating medium shall be directed into a reserve or blooie pit;
- Float valve above bit;
- Automatic igniter or continuous pilot light on the blooie line;
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore;
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

TABLE 1

NOTIFICATIONS

Notify Mike Wade of the San Juan Resource Area, at
(801) 587-2141 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

1 day prior to running and cementing surface casing.

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111
for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed:

Dale Manchester, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Eric Jones, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-2214

If unable to reach the above individuals including weekends, holidays, or after hours, please call the following:

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[] Well File Shane Fed. #2 (SWSE)
(Location) Sec 7 Twp 37s Rng 24E
(API No.) 43-037-31474

[] Suspense
(Return Date) _____
(To - Initials) _____

[] Other

1. Date of Phone Call: 6-13-90 Time: 2:30

2. DOGM Employee (name) Pishe Romero (Initiated Call [])
Talked to:

Name Dave Smith (Initiated Call [X]) - Phone No. (303) 863-7909
of (Company/Organization) Samedan

3. Topic of Conversation: If a new approval needed to be issued to drill this well. Well was originally permitted under R615-2-3 Pinto Unit which terminated 5-1-90. (unit was approved 7-19-89)

4. Highlights of Conversation: Yates Petro. will be drilling the well & possibly reporting thereafter. They plan on producing oil however the Shane Fed. #1, sec. 7 T.37S R.24E (NESW) was permitted oil and completed gas. See Attached prod. "July 89 to March 90". They would like to run more logs (tests) being that the location is considered wildcat. This also applies to the Shane Fed. #3 sec. 7 T.37S R.24E (SESW) however they do not plan on drilling until the Shane Fed. #2 is completed.

* Amended APD to be issued per PGF.

06/13/90 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4303731406 PROD ZONE: ISMY SEC TWNSHP RANGE QR-QR
ENTITY: 10999 (SHANE FEDERAL 1) 7 37.0 S 24.0 E NESW
WELL NAME: SHANE FEDERAL 1
OPERATOR: N0185 (SAMEDAN OIL CORPORATION) MERIDIAN: S
FIELD: 1 (WILDCAT

CONFIDENTIAL FLAG: C CONFIDENTIAL EXPIRES: 901031 ALT ADDR FLAG:

* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *

1B. TYPE OF WELL (OW/GW/OT) OW 5. LEASE NUMBER: U-39243 LEASE TYPE: 1

4. SURFACE LOC: 1565 FSL 1835 FWL 7. UNIT NAME:

PROD ZONE LOC: 1565 FSL 1835 FWL 19. DEPTH: 6480 PROPOSED ZONE: AKAH

21. ELEVATION: 5993' GR APD DATE: 880414 AUTH CODE: R615-3-3

* * * COMPLETION REPORT INFORMATION * * * DATE RECD: 890803

5. SPUD DATE: 890711 17. COMPL DATE: 890731 20. TOTAL DEPTH: 6482

4. PRODUCING INTERVALS: 6227-6240

4. BOTTOM HOLE: 1565 FSL 1835 FWL 33. DATE PROD: 890731 WELL STATUS: ~~SOW~~ → *PGW 6-13-90*

24HR OIL: 3 24HR GAS: 979 24HR WTR: 5 G-O RATIO: 0

* * * WELL COMMENTS * * * API GRAVITY: 0.00

881028 CHG OF FOOTAGES FR 1360' FSL, 1600 FWL, ELEV CHG FROM 5984' GR:890720

ENTITY ADDED:891219 CHG OF OPER FROM N7400 EFF 9/1/89

OPTION: 21 PERIOD(YMM): 8900 API: 4303731406 ZONE: ISMY ENTITY: 0

DATE 06/13/90

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
37.0 S 24.0 E 7 NESW S 43-037-31406 ISMY SOW

OPERATOR: N0185 : SAMEDAN OIL CORPORATION

WELL NAME: SHANE FEDERAL 1

ENTITY: 10999 : SHANE FEDERAL 1

ACCT	ENTY	DAYS	OIL PROD	GAS PROD	WATER PROD	PERIOD
CUM THRU 12/31/89			220.00	50087.00	17.00	
N7400	10999	0	0.00	0.00	0.00	89-07
N7400	10999	0	0.00	0.00	0.00	89-08
N0185	10999	6	27.00	4386.00	17.00	89-09
N0185	10999	30	92.00	18685.00	0.00	89-10
N0185	10999	30	59.00	14576.00	0.00	89-11
N0185	10999	31	42.00	12440.00	0.00	89-12
YTD			220	50,087	17	

OPTION: 13 PERIOD(YYMM): 8900 API: 4303731406 ZONE: ISMY ENTITY: 0

DATE 06/13/90

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
37.0 S 24.0 E 7 NESW S 43-037-31406 ISMY SOW

OPERATOR: N0185 : SAMEDAN OIL CORPORATION

WELL NAME: SHANE FEDERAL 1

ENTITY: 10999 : SHANE FEDERAL 1

ACCT	ENTY	DAYS	OIL PROD	GAS PROD	WATER PROD	PERIOD
CUM THRU	12/31/89		220.00	50087.00	17.00	
N0185	10999	31	14.00	10636.00	0.00	90-01
N0185	10999	28	0.00	7246.00	0.00	90-02
N0185	10999	31	10.00	7239.00	0.00	90-03
	YTD		24	25,121	0	

OPTION: 13 PERIOD(YMM): 9000 API: 4303731406 ZONE: ISMY ENTITY: 0



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 14, 1990

Yates Petroleum Corporation
105 South 4th Street
Artesia, New Mexico 88210

Gentlemen:

Re: Amended - Shane Federal 2 - SW SE Sec. 7, T. 37S, R. 24E, San Juan County, Utah - 700' FSL, 2200' FEL

Approval to drill the referenced oil well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Yates Petroleum Corporation
Shane Federal 2
June 14, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31474.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
WE14/1-12

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions reverse side)

Budget Bureau No. 1001-011
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-39243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT..." for such proposals.)

RECEIVED
AUG 27 1990
DIVISION OF
OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Yates Petroleum Corporation

(505) 748-1471

3. ADDRESS OF OPERATOR
105 S. 4th St. Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

Surface: 700' FSL @ 2200' FEL (SWSE) Bottom: Same

14. PERMIT NO.
43-037-21474

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,006' ungraded ground

7. LEASE AGREEMENT NAME

N/A

8. WELL OR LEASE NAME

Shane

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

7-37s-24e SLBM

12. COUNTY OR PARISH

San Juan

13. STATE
Ut.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

17. 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.)*

Extend APD approval

Please extend APD approval for 6 months past original expiration date.

approved for 6 months past original expiration date

TAS

Contact Brian Wood. Let him know that well is already approved until 6-14-91 because of amended approval.
9-5-90
called to confirm. JRB

OIL AND GAS	
DFN	RJF
2-JRB	GLH
DIS	SLS
1-TAS	
MICROFILM	
3-	FILE

18. I hereby certify that the foregoing is true

SIGNED

Brian Wood

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE 8-22-90

DATE

cc: Beardemphl, BLM(3), UDOGM(2)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATION*
(Other instructions reverse side)

Budget Bureau No. 1004-01-0
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-39243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a hydrocarbon reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

RECEIVED
AUG 27 1990
DIVISION OF OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

7. SURFACE AGREEMENT NAME

N/A

2. NAME OF OPERATOR

Vates Petroleum Corporation

(505) 748-1471

8. FARM OR LEASE NAME

Shane

3. ADDRESS OF OPERATOR

105 S. 4th St. Artesia, NM 88210

9. WELL NO.

#2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

10. FIELD AND POOL, OR WILDCAT

Wildcat

Surface: 700' FSL @ 2200' FEL (SWSE) Bottom: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

7-37s-24e SLBM

14. PERMIT NO.

43-037-21474

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,006' ungraded ground

12. COUNTY OR PARISH

San Juan

13. STATE

Ut.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

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

17. 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.)

Extend APD approval

Please extend APD approval for 6 months past original expiration date.

OIL AND GAS	
DFN	RJF
2 JPB	GLH
DIS	SLS
1-TAP	
MICROFILM	
3-	FLE

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

SIGNED

Brian J. [Signature]

TITLE

Consultant

DATE

8-22-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Beardemphl, BLM(3); UDOGM(2)

*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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Budget Bureau No. 1004-011
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-39243

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a well in a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

RECEIVED
AUG 27 1990

IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

UNIT AGREEMENT NAME

N/A

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Vates Petroleum Corporation

(505) 748-1471
DIVISION OF OIL, GAS & MINING

3. ADDRESS OF OPERATOR

105 S. 4th St. Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

Surface: 700' FSL @ 2200' FEL (SWSE) Bottom: Same

8. FARM OR LEASE NAME

Shane

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

7-37s-24e SLBM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,006' ungraded ground

12. COUNTY OR PARISH

San Juan

13. STATE

Ut.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

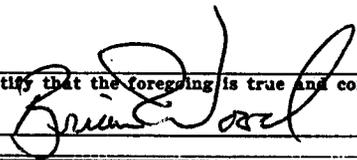
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*
Extend APD approval

Please extend APD approval for 6 months past original expiration date.

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

SIGNED



TITLE

Consultant

DATE

8-22-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Beardemphl, BLM(3), UDOGM(2)

*See Instructions on Reverse Side

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

API NO. 43-037-31474

SPUDDING INFORMATION

NAME OF COMPANY: YATES PETROLEUM COMPANY

WELL NAME: SHANE FEDERAL #2

SECTION SWSE 7 TOWNSHIP 37S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR ARAPAHOE

RIG # 4

SPUDDED: DATE 4-10-91

TIME 8:00 a.m.

HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY RALPH SLOANE

TELEPHONE # 505-325-8786

DATE 4-9-91

SIGNED _____

TAS TAKEN BY: DWE

RECEIVED

APR 15 1991

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Yates Petroleum Corporation

OPERATOR CODE N-7400

ADDRESS 105 South 4th St.

PHONE NO. 505, 748-1471

Artesia, NM 88210

**DIVISION OF
OIL GAS & MINING**

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A*	99999	11216	43-037-31474	Shane Federal #2	SWSE	7	37S	24 E	San Juan	4-10-91	4-10-91
COMMENTS: Federal Lease Proposed Zone - Akah Field - Wildcat (Entity added 4-17-91) JH Unit - Pinto											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

*Shane Federal #1, NESW, Sec 7-T37E-R24E, San Juan County, Utah, completed July 31, 1989, operated by Samedan Oil Corporation, 1616 Glenarm Place, Denver, CO 80202. Well #2 may use current entity no. or be assigned new no.

Please advise.

- ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL
 B - ADD NEW WELL TO EXISTING ENTITY
 C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 E - OTHER (EXPLAIN IN COMMENTS SECTION)

(SEE INSTRUCTIONS ON BACK OF FORM)

Quinta Doolittle
SIGNATURE

Production Supvr. 4-11-91
TITLE DATE

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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210 (505) 748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

700' FSL & 2200' FEL (SWSE) Sec. 7-T37S-24E

5. Lease Designation and Serial No.
U-39243

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Pinto

8. Well Name and No.
Shane Federal #2

9. API Well No.
43-037-31474 *del*

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
San Juan, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 <u>Spud well</u>
	<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.)*

Spudded 17-1/2" hole 1:50 PM 4-10-91.

CONFIDENTIAL

RECEIVED

APR 15 1991

DIVISION OF
OIL GAS & MINING

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

Signature: *Aranta Spudler*
(This space for Federal or State office use)

Title Production Supervisor

Date 4-11-91

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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.

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

5. Lease Designation and Serial No.

U-39243

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Pinto

8. Well Name and No.

Shane Federal #2

9. API Well No.

43-037-31474

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210 (505) 748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

700' FSL & 2200' FEL (SWSE) Sec. 7-T37S-24E

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Spud well
- Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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.)*

Spudded 17-1/2" hole 1:50 PM 4-10-91.

RECEIVED

APR 15 1991

DIVISION OF
OIL GAS & MINING

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

Signature

Pranita Doodley

Title

Production Supervisor

Date

4-11-91

(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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR
105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 700' FSL & 2200' FEL (SWSE), Sec. 7-37S-24E
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
API #43-037-31474

5. LEASE DESIGNATION AND SERIAL NO.

U-39243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Pinto

8. FARM OR LEASE NAME

Shane Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7-T37S-R24E, SLBM

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

15. DATE SPUDDED 4-10-91 16. DATE T.D. REACHED 4-30-91 17. DATE COMPL. (Ready to prod.) PAD 5-8-91 per Sundry Rec'd 5-22-91 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6006' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6500' 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY 0-6500' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, MSFL, LDI/CNT, BHC Sonic 5-22-91 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	90'	17-1/2"	125 sx Class B	
8-5/8"	24#	2293'	11"	535 sx 65/35 Poz +	
				200 sx Class B	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
None		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *[Signature]* TITLE Production Supervisor DATE 5-13-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Entrada	1117	
				Navajo	1322	
				Chinle	2210	
				Shinarump	2910	
				Cutler	3011	
				Honaker Trail	4822	
				Paradox	5966	
				Upper Ismay	6134	
				Lower Ismay	6308	
				Desert Creek	6385	
				Akah	6484	
				TD	6500	

RECEIVED

MAY 22 1991

DIVISION OF
OIL GAS & MINING

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

May 20, 1991

CONFIDENTIAL

Utah Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Shane Federal #2, U-39243
SWSE, Section 7-T37S-R24E
San Juan County, Utah

Gentlemen:

Please hold the logs confidential for the above captioned well for 90 days.

Thanks you.

Yours truly,


Juanita Goodlett
Production Supervisor

RECEIVED

MAY 22 1991

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

1. Type of Well

Oil Well Gas Well Other P&A

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210 (505) 748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

700' FSL & 2200' FEL (SWSE) Sec. 7-T37S-R24E

5. Lease Designation and Serial No.

U-39243

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Pinto

8. Well Name and No.

Shane Federal #2

9. API Well No.

43-037-31474

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other
- Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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.)*

TD 6500'. Reached TD 4-30-91. 5-2-91. Plugged well as follows:
Plug #1 6143-5943' (200') 70 sacks Class "B". WOC 3 hours. Tagged at 6053'.
Plug #2 6053-5953' (100') 35 sacks Class "B".
Plug #3 2357-2207' (150') 65 sacks class "B" + 1% CaCl.
Plug #4 60' to surface (60') 20 sacks Class "B" + 1% CaCl.
Had 1/2" steel plate welded across casing stub.
All plugs balanced and displaced with mud. Plugging witnessed by Eric Jones, BLM, Moab, Utah.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

RECEIVED

MAY 22 1991

DATE: 5-31-91

BY: *J. M. ...*

DIVISION OF
OIL GAS & MINING

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

Signed: *[Signature]*

Title Production Supervisor

Date 5-13-91

(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