

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
 Milestone Petroleum, Inc.

3. ADDRESS OF OPERATOR
 PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)
 At surface 2060'S, 2020'W
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 5 miles North of Hatch Trading Post, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2020'

16. NO. OF ACRES IN LEASE
 153.19

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. 2500

19. PROPOSED DEPTH
 5760'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4792' GL

22. APPROX. DATE WORK WILL START*

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"	48.0# H-40	80'	111 cu.ft. circ. to surface
11"	8 5/8"	24.0# K-55	3500'	1361 cu.ft. circ. to surface
7 7/8"	5 1/2"	15.5# K-55	5760'	508 cu.ft. to fill to surface casing.

The Upper Ismay and/or the Desert Creek will be selectively perforated and tested in this well.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 10/26/84
 BY: [Signature]

CONFIDENTIAL

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 Drilling Clerk DATE 10-26-84

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

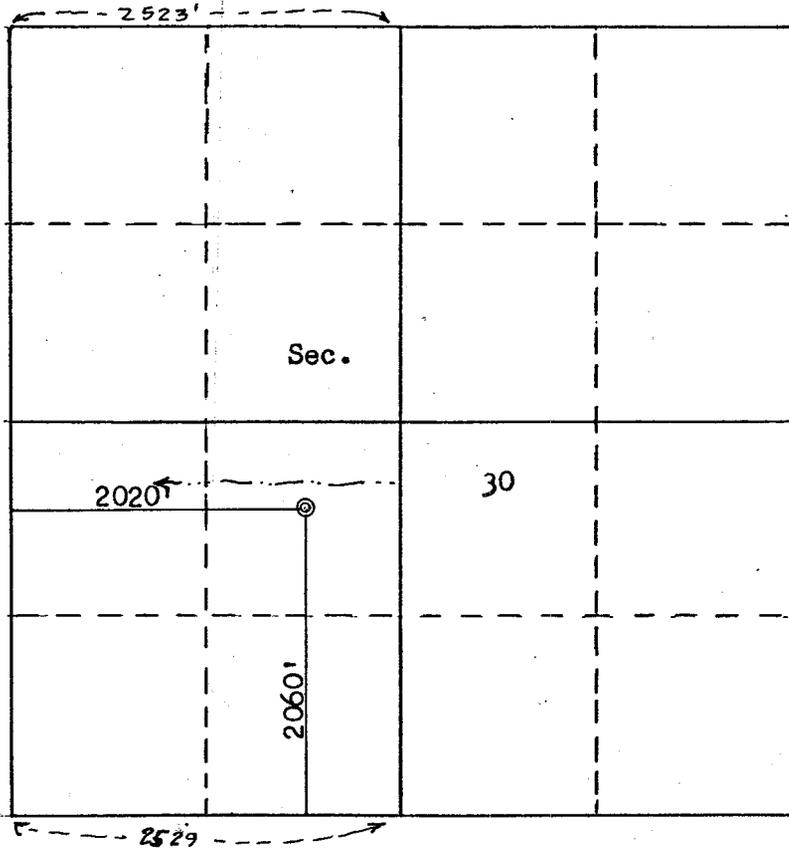
COMPANY MILESTONE PETROLEUM, INCORPORATED

LEASE SIOUX-FEDERAL WELL NO. 30-1

SEC. 30, T. 38S, R. 25E
San Juan County, Utah

LOCATION 2060'FSL 2020'FWL

ELEVATION 4792 ungraded ground

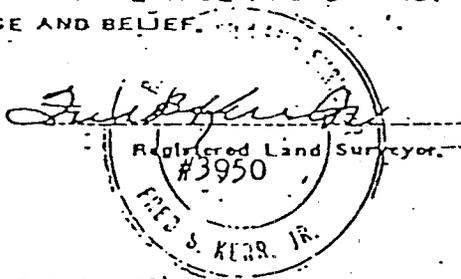


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SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED October 24 1984

Operations Plan
Sioux Federal #30-1

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I. Location: 2060'S, 2020'W, Sec.30, T-38-S, R-25-E, San Juan Co., Utah
Field: Wildcat Elevation: 4792'GL

II. Geology:

A. Formation Tops:	Surface	Morrison	Hermosa	4378'
	Entrada	642'	Upper Ismay	5398'
	Navajo	842'	Up.Des.Creek	5646'
	Chinle	1508'	Akah	5741'
	Cutler	2573'	Total Depth	5760'

B. Logging Program: Dual Lateralog-MSFL, GR-Sonic, GR-FDC-CNL, and dipmeter at Total Depth.

C. Coring Program: Upper Ismay (60' core)

D. Samples: none

E. Drillstem testings: 2 tests are anticipated below the Upper Ismay and Desert Creek formations.

F. H₂S protection: no hydrogen sulfide has been found, reported or is known to exist at these depths in this area.

III. Drilling:

A. Mud Program: a water base mud system from surface to total depth. Maximum anticipated mud weight is 10#/gallon.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Csg.Size</u>	<u>Wt.&Grade</u>
	17 1/2"	80'	13 3/8"	48.0#H-40
	11"	3500'	8 5/8"	24.0#K-55
	7 7/8"	5760'	5 1/2"	15.5#K-55

B. Float Equipment: 13 3/8" conductor - Texas pattern guide shoe on bottom.

8 5/8" surface casing - guide shoe, float collar and bow type centralizers. Run float collar two joints above shoe.

5 1/2" production casing - guide shoe, float collar, centralizers and reciprocating wall cleaners.

C. Tubing: 5760' of 2 7/8", 6.5#, K-55 tubing.

D. Wellhead equipment: 3000# working pressure xmas tree assembly. Wellhead representative to set all slips and cut off casing.

V. Cementing:

13 3/8" conductor - use 94 sks. Class "B" cement with 1/4# flocele/sack and 3% calcium chloride (111 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600#/30 minutes.

8 5/8" surface casing - use 658 sks. 65/35 Class "B" Poz with 6% gel and 2% calcium chloride (8.3 gallons water per sack), followed by 250 sks. Class "B" with 2% calcium chloride (1361 cu.ft. of slurry, 50% excess to circulate to surface). WOC 12 hours. Test casing to 1000#/30 minutes.

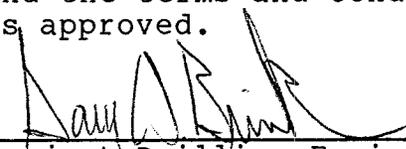
5 1/2" production casing - use 238 sks. 65/35 Class "B" Poz with 6% gel (8.3 gallons water per sack) followed by 100 sks. Class "H" with 10% salt, 10% cal-seal per sack and 0.6% Halad-9 (508 cu.ft. of slurry, 30% excess to fill to base of surface casing.) Run temperature survey 8 hours. WOC 18 hours.

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Multi-Point Surface Use Plan
Sioux Federal #30-1

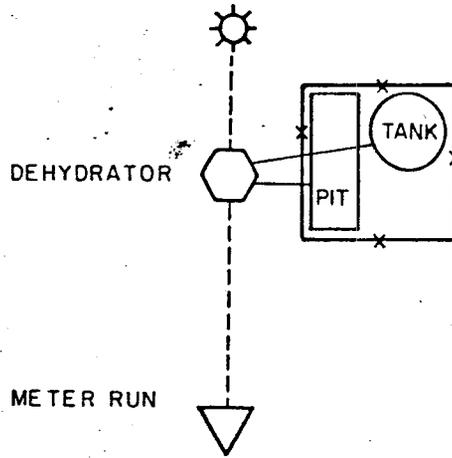
1. Existing Road - Please refer to Map No. 1 which show the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duraction of this project.
2. Planned Access Roads - Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed, if necessary.
3. Location of Existing Wells - Please refer to Map No. 2.
4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines - Please refer to Maps No. 1 and 2. Map No. 2 shows the existing gas gathering lines. Map No. 1 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
5. Location and Type of Water Supply - Water for the proposed project will be obtained from Perkins..
6. Source of Construction Materials - No additional materials will required to build either the access road or the proposed location.
7. Methods of Handling Waste Materials - All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1, will be provided for human waste.

7. cont'd. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainage; all earthen pits will be so constructed as to prevent leakage from occurring.
8. Ancillary Facilities - No camps or air strips will be associated with this project.
9. Wellsite Layout - Please refer to the attached Plat No. 1.
10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeded operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeded operations will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
11. Other Information- Terrain is canyon bottom and sagebrush flats with grease wood and sage growing. Cattle, and deer are occasionally seen on the proposed project site.
12. Operators Representative - D. C. Walker, Post Office Box 4289, Farmington, NM 87499.
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 presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Milestone Petroleum Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Project Drilling Engineer

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Anticipated Production Facilities For

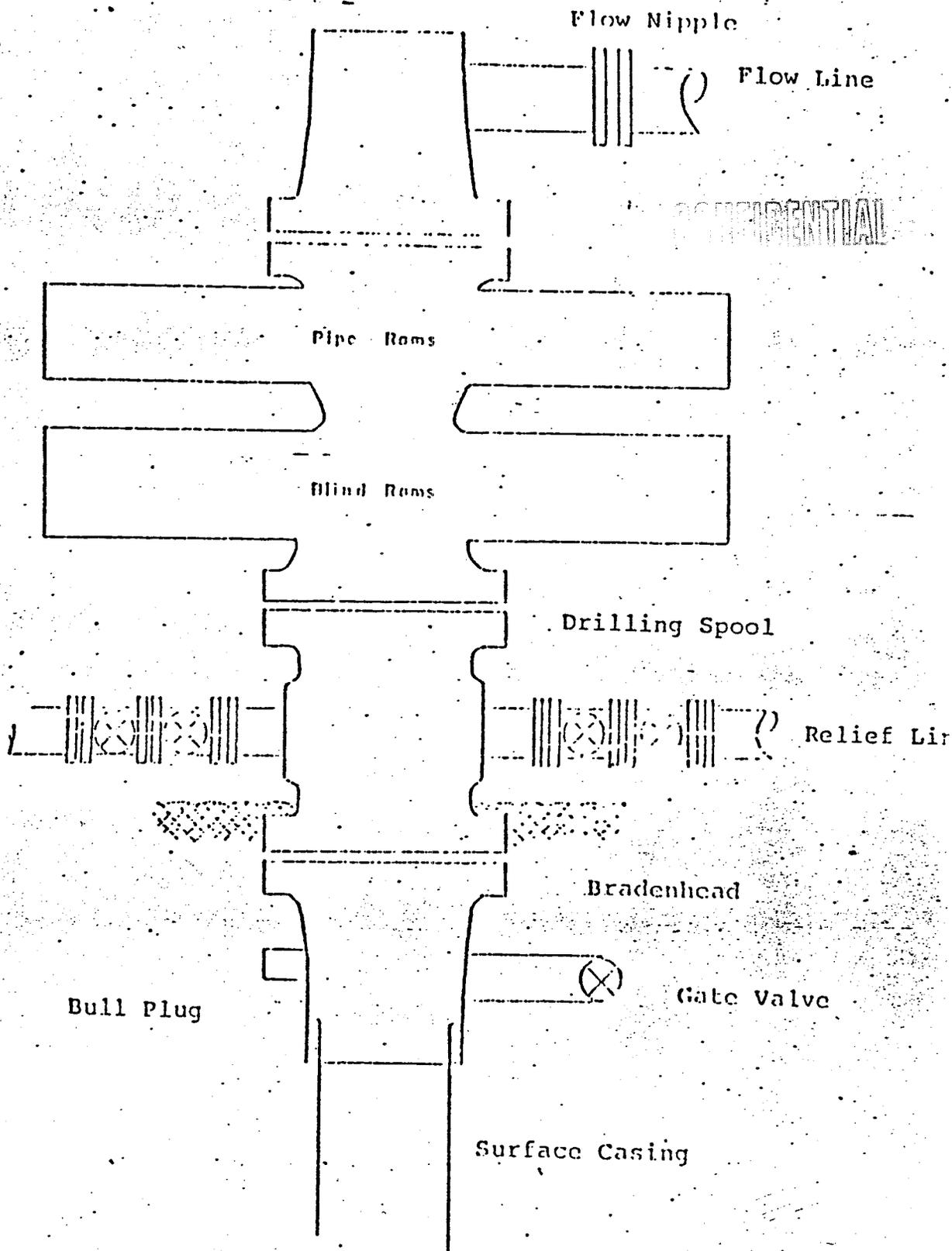
					ENG. REC.	DATE
					DRAWN	
					CHECKED	
					CHECKED	
					PROJ. APP.	
PRT.	SEP.	DATE	TO	W.O.	DESIGN	
PRINT RECORD					W.O.	

SCALE:

DWG. NO.

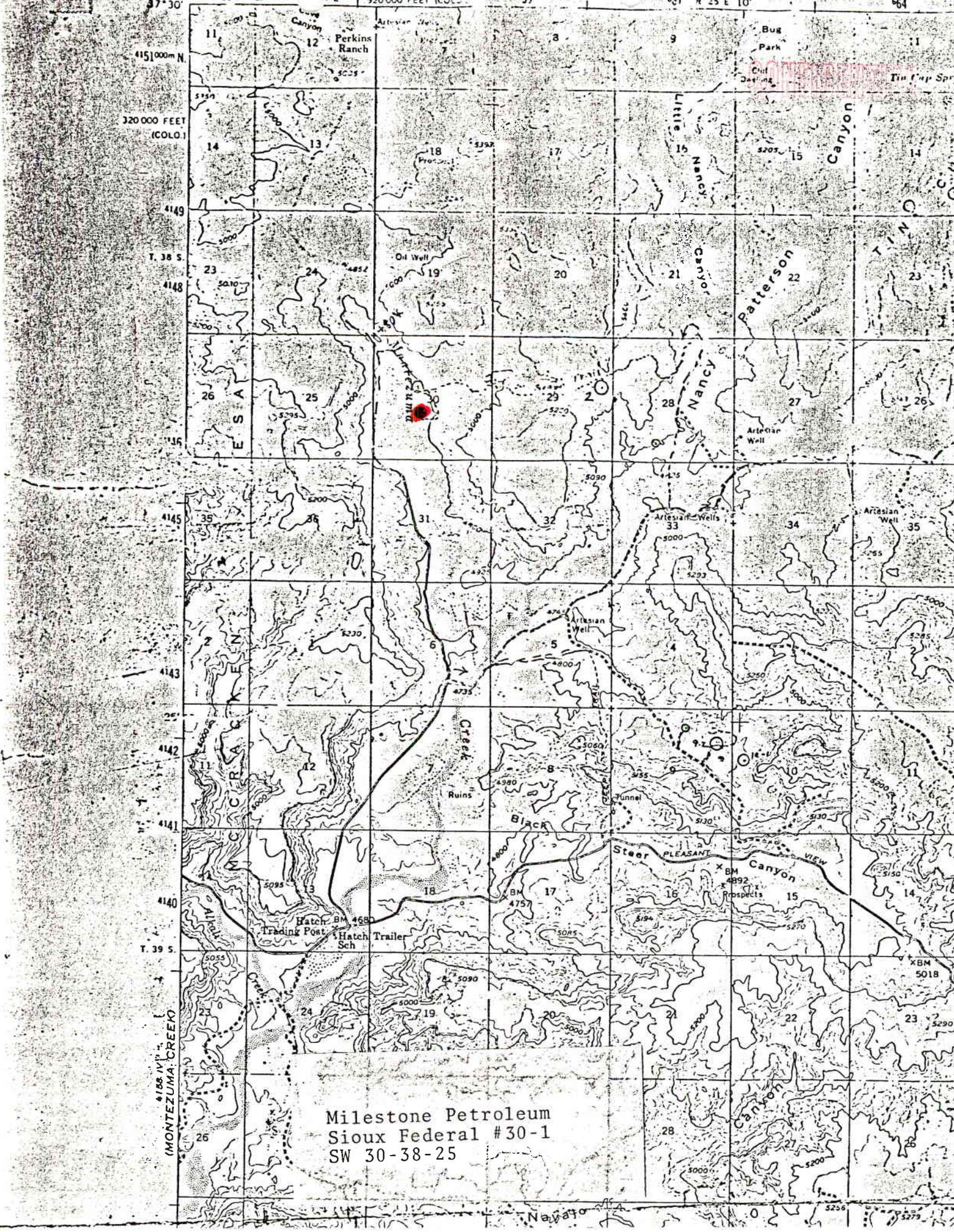
RE

Typical B.O.P. Installation



Series 900 Double Gate BOP, rated at 3000 psi Working Pressure
When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

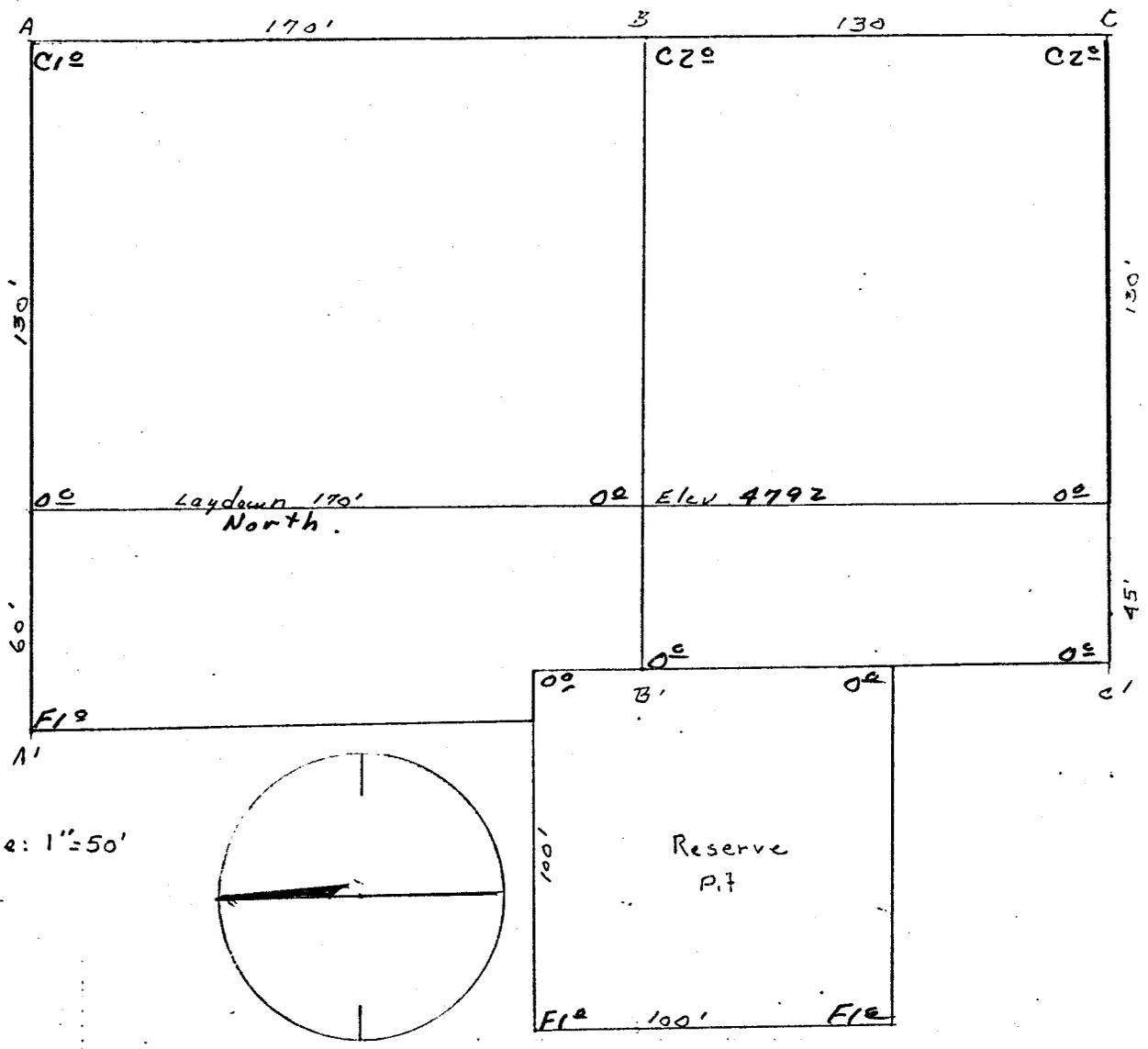
109° 15' 55.000" E 320 000 FEET (COL.) 659 661 R 25 E 10' 664



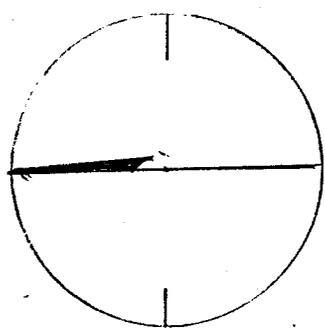
Milestone Petroleum
 Sioux Federal #30-1
 SW 30-38-25

Profile for
 MOUNTAIN PETROLEUM INC. #30-1 SIOUX FEDERAL
 2000 FSL 2020' FWL Sec. 30-T38S-R25E
 SAN JUAN COUNTY, UTAH

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Scale: 1"=50'



Scale: 1"=50'

A-A' Vert: 1"=30' Horiz: 1"=100' C/L

4800						
4790						

B-B' C/L

4800						
4790						
4780						

C-C' C/L

4800						
4790						
4780						

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OPERATOR Milestone Petroleum Inc DATE 11-5-84

WELL NAME Scout Fed. #30-1

SEC NE SW 30 T 38S R 25E COUNTY San Juan

43-037-31099
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> PLAT | <input checked="" type="checkbox"/> BOND | <input type="checkbox"/> NEAREST WELL |
| <input checked="" type="checkbox"/> LEASE | <input type="checkbox"/> FIELD | <input type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 1000'
Need water permits

APPROVAL LETTER:

- SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE
- c-3-b c-3-c

STIPULATIONS:

1 - Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 6, 1984

Milestone Petroleum, Inc.
P. O. Box 4289
Farmington, New Mexico 87499

Gentlemen:

Re: Well No. Sioux Federal #30-1 - NE SW Sec. 30, T. 38S, R. 25E
2060' FSL, 2020' FWL - San Juan County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Milestone Petroleum, Inc.
Well No. Sioux Federal #30-1
November 6, 1984

5. 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 43-037-31099.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

Form DOGC-4 **RECEIVED**

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL & GAS CONSERVATION

4241 STATE OFFICE BUILDING

SALT LAKE CITY, UTAH 84114

533-5771

State Lease No. _____

Federal Lease No. U-51685

Indian Lease No. _____

Fee & Pat. _____

FEB 07 1985

DIVISION OF OIL
GAS & MINING

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December, 1984

Agent's Address PO Box 4289
Farmington, NM 87499

Company Milestone Petroleum

Signed [Signature]

Title Project Drilling Engineer

Phone No. (505) 325-2841

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW 30 Sioux	38S Federal	25E 1	30-1	-0-	-0-	--	-0-	-0-	-0-	12-31-84 - This well was Plugged and abandoned. API 43-037-31099

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GAS: (MCF)

Sold -0-
Flared/Vented -0-
Used On/Off Lease -0-

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month -0-
Produced during month -0-
Sold during month -0-
Unavoidably lost -0-
Reason: -0-
On hand at end of month -0-

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Milestone Petroleum Inc.

3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 2060'S, 2020'W
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles North of Hatch Trading Post, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2020'
16. NO. OF ACRES IN LEASE 153.19

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2500
19. PROPOSED DEPTH 5760'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4792' GL

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"	48.0# H-40	80'	111 cu.ft. circ. to surface
11"	8 5/8"	24.0# K-55	3500'	1361 cu.ft. circ. to surface
7 7/8"	5 1/2"	15.5# K-55	5760'	508 cu.ft. to fill to surface casing.

The Upper Ismay and/or the Desert Creek will be selectively perforated and tested in this well.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

RECEIVED
DEC 06 1984

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. If blowout preventer program, if any.

24. SIGNED [Signature] TITLE Drilling Clerk DATE 10-26-84

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY /s/ James J. Dravin TITLE Acting DISTRICT MANAGER DATE 04 DEC 1984

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT OF NTL 4-A DATED 1/1/80

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.

TO RIGHT OF WAY
APPROVAL
State - Doc M

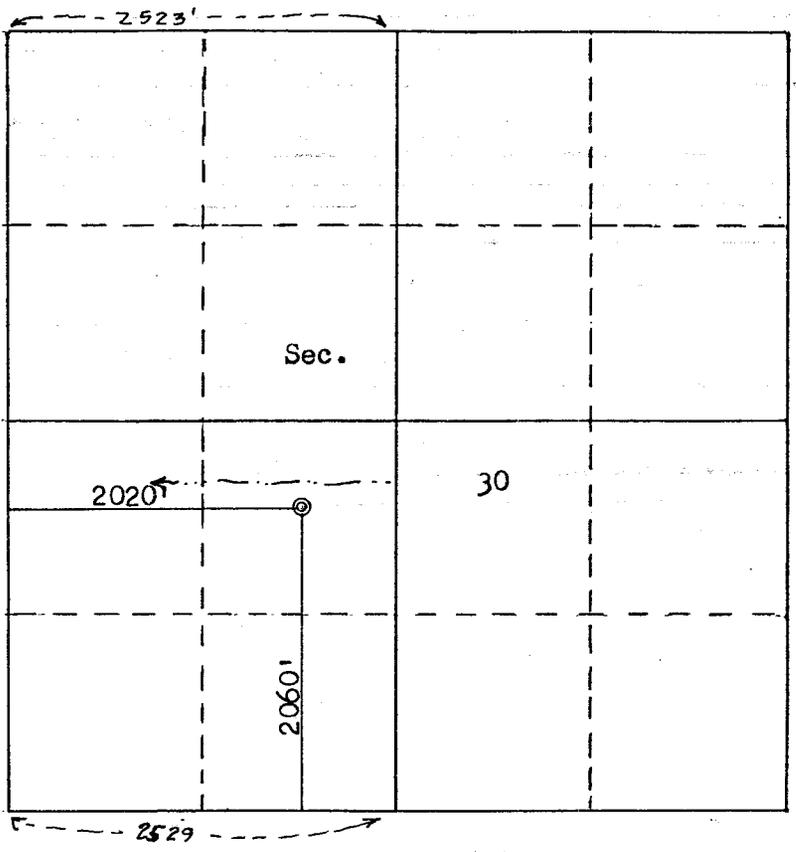
COMPANY MILESTONE PETROLEUM, INCORPORATED

LEASE SIOUX-FEDERAL WELL NO. 30-1

SEC. 30, T. 38S, R. 25E
San Juan County, Utah

LOCATION 2060'FSL 2020'FWL

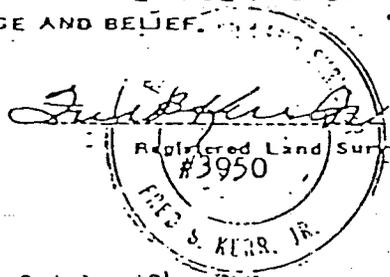
ELEVATION 4792 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED October 24, 1984

Milestone Petroleum Inc.
Well No. Sioux Federal 30-1
NESW Sec. 30, T. 38 S., R. 25 E.
San Juan County, Utah
Lease U-51685

Supplemental Stipulations:

Construction:

1. The agreement between the landowner and operator will be followed for the Surface Use Plan during construction and reclamation.
2. The San Juan County Road Department (801) 587-2231, ext. 43, will be contacted before county roads are used.
3. To avoid an archaeological site, the existing way from the Sioux Federal 30-2 location will be reclaimed when the new access road is constructed to the Sioux Federal 30-1 location. An archaeological monitor will be present during this reclamation.

Reclamation:

1. In the event that an agreement is reached between Perkins and Milestone for conversion of this hole for a water well, evidence of a signed water well release will be submitted to the BLM. Upon abandonment of this hole, it will be plugged per BLM requirements.

Production:

1. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Your contact with the District Office is: Robert (Bob) Graff, Petroleum Engineer.
Address: 82 East Dogwood, P.O. Box 970
Moab, Utah 84532
Home Phone: 801-259-6088
Office Phone: 801-259-6111 Ext. 216

Resource Area Manager's address and contacts are:
Address: San Juan Resource Area
480 South First West, P.O. Box 7
Monticello, Utah 84535
Contact: Rich McClure
Office Phone: 801-587-2201
Home Phone: 801-587-2874

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-51685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

1. OIL WELL GAS WELL OTHER DATE: DEC 21 1984

2. NAME OF OPERATOR: Milestone Petroleum Inc.

3. ADDRESS OF OPERATOR: PO Box 4289, Farmington, NM 87499
DIVISION OF OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 2060'S, 2020'W

5. ELEVATIONS (Show whether DF, RT, GR, etc.): 4792'GL

6. FARM OR LEASE NAME: Sioux Federal

7. WELL NO.: 30-1

8. FIELD AND POOL, OR WILDCAT: Wildcat

9. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 30, T-38-S, R-25-E

10. COUNTY OR PARISH: San Juan

11. STATE: Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

- 12-11-84 Ran 2 jts. 14", 32.23# casing set at 67'. Cemented with 100 sks. Class "B" cement (118 cu.ft.) circulated to surface.
- 12-15-84 Spudded well at 11:00 pm.
- 12-17-84 Drilled to 515'. Conductor casing fell down hole. Pulled 14" conductor. Reamed out hole to 17 1/2" to 217'. Ran 5 jts. 13 3/8" H-40 casing set at 216'. Cemented with 354 cu.ft. cement, circulated to surface. WOC.

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

SIGNED: [Signature] TITLE: Drilling Clerk DATE: 12-18-84

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

12/31/84
0830 hrs

El Paso — Milestone Petroleum
Sioux Fed # 30-1 (U-51685)
Sec. 30, T38S, R25E
San Juan Co., Ut.

Gary Brink
(505) 325-2841
ext. 3176

TD = 5750'

~~Inter. Csg.~~

8 5/8" Surf. Csg. @ 3493 (cemented to surf.)

- ① 45 SX 5600 to TD
- ② 40 SX 5420 to 5545 - Upper Ismay
- ③ 30 SX 3443 - 3543
- ④ 40 SX 0' - 100'

Possible plug

Projected tops

Upper Desert Ck.	5646'
Upper Ismay	5398'
Hermosa	4380'
Cutler	2570'

- Will plug this par.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-51685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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
JAN 07 1985

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
Milestone Petroleum, Inc.

9. WELL NO.
Sioux Federal

4. LOCATION OF WELL (Report location clearly and in accordance with 43 CFR 15.409
See also space 17 below.)
At surface
PO Box 4289, Farmington, NM 87409
2060'S, 2020'W

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 30, T-38-S, R-25-E

SLB&M

14. PERMIT NO.

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

4792' GL

12. COUNTY OR PARISH 13. STATE

San Juan Utah

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) Plug & Abandon

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.)*

12-30-84 Reached TD of 5750'.

It is intended to plug and abandon this well by:

1. Spotting a 150' plug from 5600-5750' with 45 sks. cement to cover the Desert Creek formation.
2. Spotting a 125' plug from 5420-5545' with 40 sks. cement to cover the Upper Ismay formation.
3. Spotting a 100' plug from 3443-3543' with 40 sks. cement to cover the surface casing shoe.
4. Spotting a 100' surface plug with 40 sks. cement and setting a dry hole marker.

This operation was phoned into the Bureau of Land Management on December 31, 1984 and verbal approval was received from John Baza, Utah Natural Resource Department on 12-31-84.

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

SIGNED Regan E. Sheffield

TITLE Drilling Clerk

DATE 1-2-85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE ACCEPTED APPROVED BY THE STATE DATE _____

OF UTAH DIVISION OF OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE 1/13/85
BY: John R. Baza

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Milestone Petroleum, Inc.

3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2060'S, 2020'W

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4792' GL

5. LEASE DESIGNATION AND SERIAL NO.
U-51685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sioux Federal

9. WELL NO.
30-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T-38-S, R-25-E
SLB&M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

CONFIDENTIAL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

12-22-84 Depth 3500'. Ran 83 jts. of 8 5/8" K-55 casing, 3481' set at 3493'. Cemented first stage with 682 sks. (1017 cu.ft.), second stage with 512 sks. (763 cu.ft.) cement. Top of cement tagged at 27'. Pumped 35 sks. (41 cu.ft. cement down annulus, circulated to surface.

RECEIVED
JAN 07 1985
DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Drilling Clerk DATE 1-3-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Cementing Record - Sioux Federal #30-1

14" conductor - 100 sks. Class "B" cement (118 cu.ft.)

13 3/8" conductor - 354 cu.ft. (300 sks.) Class "B" cement with
3% calcium chloride, 1/4# gel-flake per sack

8 5/8" casing - 1st stage - 682 sks. (1017 cu.ft.) Class "B"
with 65/35 Poz, 6% gel, 1/4# flocele/sack,
2% calcium chloride, 1% D-60

2nd stage - 512 sks. (763 cu.ft.) Class "B"
with 65/35 Poz, 6% gel, 2% calcium chloride,
1/4# Flocele/sack, 1% D-60

Pumped 35 sks. (41 cu.ft.) Class "B" with 3%
calcium chloride down annulus.

Plug and Abandonment -

Spotted 125 sks. (148 cu.ft.) Class "B" neat cement
Spotted 40 sks. (47 cu.ft.) Class "B" neat cement
Spotted 40 sks. (47 cu.ft.) Class "B" neat cement.

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI 3*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Milestone Petroleum, Inc.

3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2060'S, 2020'W

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4792'GL

5. LEASE DESIGNATION AND SERIAL NO.
U-51685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Sioux Federal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
30-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T-38-S, R-25-E
SLB&M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

CONFIDENTIAL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(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.)*

12-31-84 This wellbore was permanently plugged and abandoned as follows:

Spotted 125 sk. plug from 5750-5310'.
 Spotted 40 sk. plug from 3572-3433'
 Spotted 40 sk. plug from 126' to surface.
 A dry hole marker was set in the top of the 8 5/8" casing.

Verbal approval to plug and abandon this wellbore was obtained December 31, 1984 from John Baza, Utah Natural Resource Department and was phoned into the Bureau of Land Management office.

RECEIVED
 JAN 07 1985
 DIVISION OF
 OIL, GAS & MINING

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

SIGNED [Signature] TITLE Drilling Clerk DATE 1-3-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

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

*See Instructions on Reverse Side
 BY: [Signature]

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

5. LEASE DESIGNATION AND SERIAL NO.

U-51685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sioux Federal

9. WELL NO.

30-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 30, T-38-S, R-25-E
SBL&M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

JAN 14 1985

2. NAME OF OPERATOR

Milestone Petroleum

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

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

At surface 2060'S, 2020'W

At top prod. interval reported below

At total depth

DIVISION OF OIL, GAS & MINING

CONFIDENTIAL

14. PERMIT NO. 43-037-31099 DATE ISSUED 11-6-84

15. DATE SPUNDED 12-15-84 16. DATE T.D. REACHED 12-29-84 17. DATE COMPL. (Ready to prod.) P&A 12-31-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4804' KB 19. ELEV. CASINGHEAD 4792' GL

20. TOTAL DEPTH, MD & TVD 5750' 21. PLUG, BACK T.D., MD & TVD surface 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY rotary TOOLS 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 Dual Laterals, LitoDensity-Comp. Neut, Sonic 27. WAS WELL CORED yes

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"	48.0#	216'	17 1/2"	354 cu.ft.	
8 5/8"	32#, 28# 24#	3493'	10 5/8"	1821 cu.ft.	

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.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
none		none	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
none		P&A				P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
none	none	-0-	→	-0-	-0-	-0-	-0-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	-0-	→	-0-	-0-	-0-	-0-	

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

35. LIST OF ATTACHMENTS
Cementing Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Peggy Doak TITLE Drilling Clerk DATE January 8, 1985

*(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
Alluvium	surface	1508'	Rd to rd br sft sh w/occas thn beds of brn and gry lst Gry & purple med grn cong l ss inter w/sft brn and grn sh Rd brn soft anhy sh. Shale & silstone Wh gry & buff fn cryst hd chirty ls. Wh to gr, buff to brn, cryptocrystalline to gran, fossiliferous dolomite clean to orgillaceous, silty-earthy lst w/interbed anhy & gry to brn, cryptocrystalline to gran dolomite. Lt to drk gry to brn cryptocrystalline to gran, earthy, silty, dolom fossil lst w/interbed anhydr and drk gry to brn cryptocrystalline earthy silty dolomite w/interbed anhyd & carb sh.	Chinle	1508'	
Chinle	1508'	2266'		Shinarump	2266'	
Shinarump	2266'	2573'		Cutler	2573'	
Cutler	2573'	4378'		Hermosa	4378'	
Hermosa	4378'	5398'		Upp. Ismay	5398'	
Upper Ismay	5398'	5646'	Up. Desert Creek	5646'		
Upper Desert Creek	5398'	5741'				
Core #1- Upper Ismay		5486-5546'	Recovered limestone, dolomite and anhydrite. No porosity.			

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

D-44

RECEIVED
APR 14 1986
OIL, GAS & MINING

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER OPERATOR NAME CHANGE</p> <p>2. NAME OF OPERATOR MERIDIAN OIL INC.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-52333</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME --</p> <p>7. UNIT AGREEMENT NAME --</p> <p>8. FARM OR LEASE NAME Navajo-Federal</p> <p>9. WELL NO. See Below</p> <p>10. FIELD AND POOL, OR WILDCAT Kiva</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below</p> <p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) OPERATOR NAME CHANGE <input checked="" type="checkbox"/>	

(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.)*

Operator Name change from Milestone Petroleum Inc. to Meridian Oil Inc.

WELL NUMBER	DESCRIPTION	API NUMBER
4-1	SESW Sec. 4-39S-25E	43-037-31112
4-2	SWSE Sec. 4-39S-25E	43-037-31161
4-3	NESW Sec. 4-39S-25E	43-037-31176
4-4	NWSW Sec. 4-39S-25E	43-037-31179
9-1	NWNE Sec. 9-39S-25E	43-037-31001
9-2	NENE Sec. 9-39S-25E	43-037-31059
10-1	SWNW Sec. 10-39S-25E	43-037-31073
30-1	NESW Sec. 30-38S-25E	43-037-31099
30-2	SENW Sec. 30-38S-25E	43-037-31100

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

SIGNED [Signature] TITLE Sr. Operations Technician DATE 4/9/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: