

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
 M.J. Harvey, Jr.

3. ADDRESS OF OPERATOR
 P.O. Box 12705, Dallas, Texas 75225

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface: 660' FSL & 1980' FWL SE/4 SW/4
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 14 air miles southeast of Escalante, Utah.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 2559.2

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. NA

19. PROPOSED DEPTH 410'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5389' GR

22. APPROX. DATE WORK WILL START* 9/30/84

5. LEASE DESIGNATION AND SERIAL NO.
 U-27862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Harvey Federal

9. WELL NO.
 12-1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 12, T37S, R4E

12. COUNTY OR PARISH
 Garfield

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 5/8"	7"	9.0#	20'	To surface
6 1/4"	4 1/2"	11.0#	T.D.	To surface

RECEIVED

AUG 31 1984

DIVISION OF OIL
GAS & MINING

We proposed to drill a Navajo Sandstone formation well to test the first 300' of sandstone for possible commercial production of oil. The well will be operated in accordance with the rules and regulations of the State of Utah and the BLM.

THIS LEASE EXPIRES AT MIDNIGHT SEPTEMBER 30, 1984. DRILLING OPERATIONS WILL BE TAKING PLACE AT THAT TIME.

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 M.J. Harvey TITLE Owner DATE 8/28/84
 By Peggy W. Franklin Agent
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/14/84
BY: John K. Buse

*See Instructions On Reverse Side

Bureau of Land Management
Cedar City District
Conditions of Approval for Permit to Drill

Company: M.J. Harvey, Jr. Well No. Harvey Federal 12-1

Location: Sec: SE/4 SW/4, 12 T. 37S R. 4E Lease No. U-27862

Onsite Inspection Date: 8/17/84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (Onshore Oil & Gas Order No. 1), and the approved plan of operation.

A. Drilling Program

1. Surface Formation and Estimated Formation Tops:

Carmel - Surface
Navajo Sandstone - 110'
Navajo Sandstone - 410' T.D.

2. Estimated Depths to Oil, Gas, Water, or Other Mineral Bearing Zones:

Expected Oil Zone: Navajo Sandstone 350 - 410'
Expected Gas Zone: None
Expected Water Zones: None
Expected Mineral Zone: None

All fresh water and valuable minerals encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

NA as no surface pipe will be set.

4. Casing Program and Auxiliary Equipment:

Conductor pipe - 20' of 9#, 7" pipe
Production Casing - 4½", 11.0# K-55 new ✓

5. Mud Program and Circulating Medium:

0 - T.D. - Drilling fluids will have a weight of 8.5 - 8.9 P.P.G. with gel, lime or flocculant added as needed. A viscosity of 34-38 with less than 10cc water loss will be maintained. ✓

6. Coring, Logging and Testing Program:

Coring - None anticipated.

Logging - Gamma Ray, SP, and Resistivity from surface to T.D. with additional logs if determined necessary at the time.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion and Log" form will be submitted to the District Office not later than 30 days after completion of the well. Two copies of all logs, and all other surveys or data obtained and compiled during the drilling and completion operations, will be filed.

7. Abnormal Pressures or Temperature Zones:

No abnormal pressures or temperature zones are anticipated.

8. Anticipated Starting Dates and Notifications of Operation:

The operator will contact the Escalante Resource Area at Escalante, Utah, 48 hours prior to beginning any dirt work on this location.

The spud date will be reported orally to the Area Manager within 24 hours prior to spudding.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area.

If the well is placed in a producing status, the District office will be notified within 5 working days of when the well is placed in a producing status.

If the test well proves non-commercial, the well will be plugged (plugs set as determined by the BLM), and a regulation marker erected in accordance with 43 CFR 3162.6.

B. Thirteen-Point Surface Use Plan

1. Existing Roads:

- a. Location of proposed well: Approximately 14 air miles Southeast of Escalante, Utah.
- b. Proposed access to location: From Escalante on Highway 12 go Southeast 5 miles (9/10 mile past mile marker 64). Turn right or South-Southeast on existing dirt road for approximately 10 miles and turn left or East 200' to location.
- c. Plans for improvement and/or maintenance of existing roads: Use existing roads in present state.

2. Planned Access Roads:

- a. The maximum total disturbed width will be 20 feet on the 150' of new access road.
- b. Maximum grades: None.
- c. Turnouts: None required.
- d. Drainage: Low water crossing.
- e. Surface materials: None anticipated but will be obtained from private sources if necessary.

Surface disturbance and vehicular travel will be limited to the approved location and access road.

The new access road and drill pad will be rehabilitated to BLM requirements if the test well proves non-productive. This will be done within 60 days after completion of operations.

3. Location of Existing Wells:

No known wells in the immediate area.

4. Location of Production Facilities:

All permanent (onsite for 6 months or longer) structures will be painted a flat nonreflective, earth tone color to match the standard environmental colors, as determined by the BLM.

If a tank battery is constructed on the lease, a dike will be constructed surrounding the battery to contain 1½ times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

5. Location and Type of Water Supply:

Water will be obtained from Twenty Five Mile Wash located in Sec. 30, T37S, R5E, for drilling purposes.

A temporary water use permit for this operation has been obtained from the State of Utah Natural Resources (Water Rights), Mr. Gerald W. Stoker, Area Engineer as per conversation 8/22/84, in Cedar City, Utah.

6. Source of Construction Materials:

Do not anticipate the use of construction materials, but will obtain from a private source if needed.

7. Methods of Handling Waste Disposal:

The reserve pit will not be lined unless determined necessary during construction.

Three sides of the reserve pit will be fenced with woven wire before drilling commences. The fourth side will be fenced as soon as drilling is completed. The fence will be kept in good repair while the pit is drying.

Produced waste water will be confined to an unlined pit or tanks for a period not to exceed 90 days after initial production.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout:

Enclosed is an exhibit of the proposed well site layout.

The top 6 inches of soil material will be removed from the location and stockpiled separately on the North side of the location.

A trash can will be used for all loose debris.

10. Plans for Restoration of the Surface:

Upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

The operator or his contractor will notify the Escalante Resource Area at (801) 826-4291 48 hours before starting reclamation work that involves earth moving equipment and upon completion of restoration measures.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the new access road, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Seed mixture will also be determined by the Resource Area.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. Surface and Mineral Ownership:

Both are owned by the BLM on the access road and the wellsite as proposed.

12. Other Information:

The well will be drilled and reclamation will be done under the supervision of a M.J. Harvey, Jr., representative.

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

A cultural resource clearance will be required before any clearance begins. (Cultural resource survey was conducted August 17, 1984 by Mr. Richard Thompson, Cedar City, Utah. No cultural resources were present.)

13. Lessee's or Operator's Representative and Certification:

Representative:

Name: Terry W. Franklin

Address: P.O. Box 2664
Roswell, N.M. 88201

Phone: (505) 622-5417

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in 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:

M.J. Harvey, Jr.

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.

8/28/84

Date

Terry W. Franklin Agent

Name and Title for
M.J. Harvey, Jr.

ONSITE INSPECTION

Date: 8/20/84

Participants:

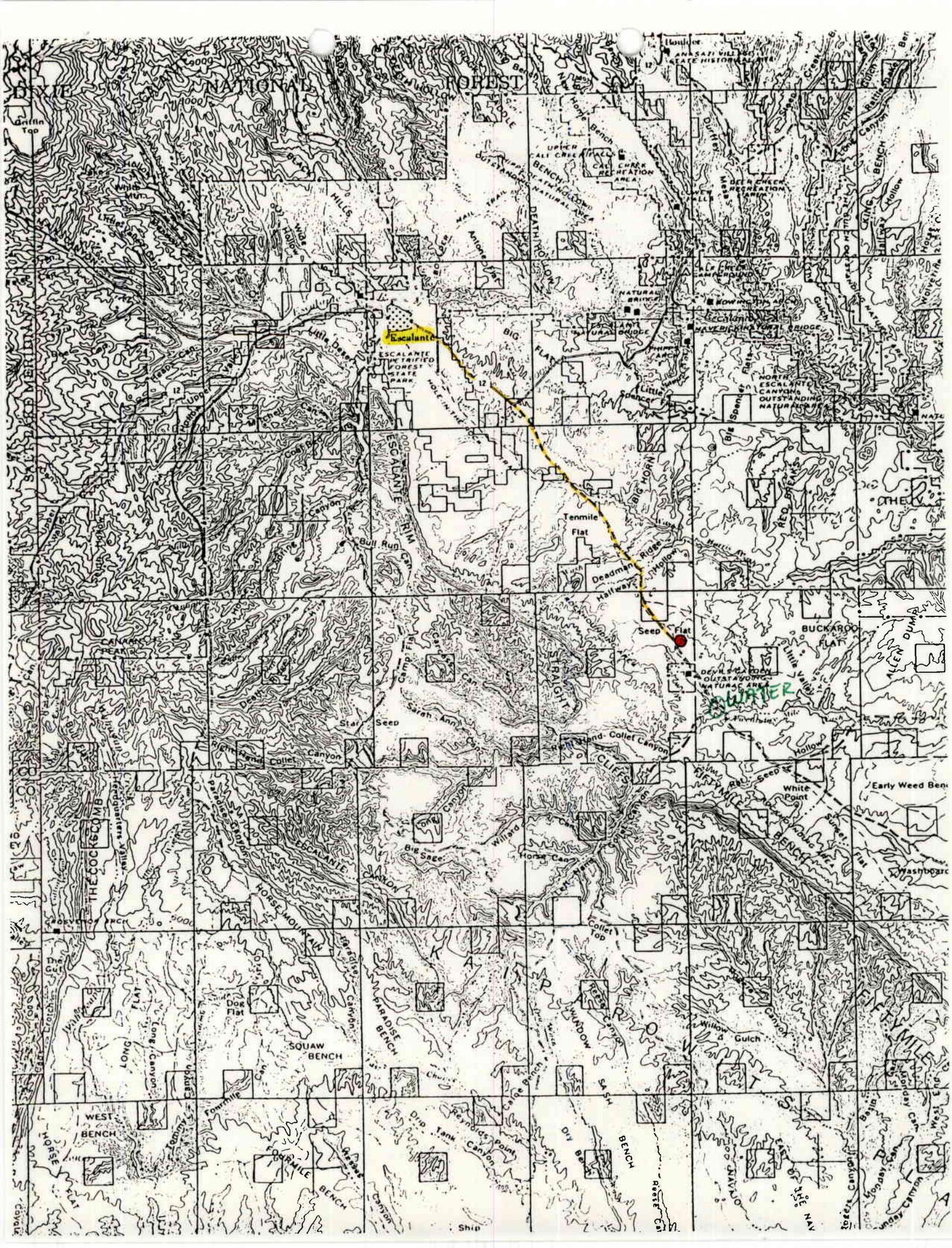
Mr. Quay Simons - BLM - Surface Protection Specialist
Terry W. Franklin - M.J. Harvey, Jr. - Agent

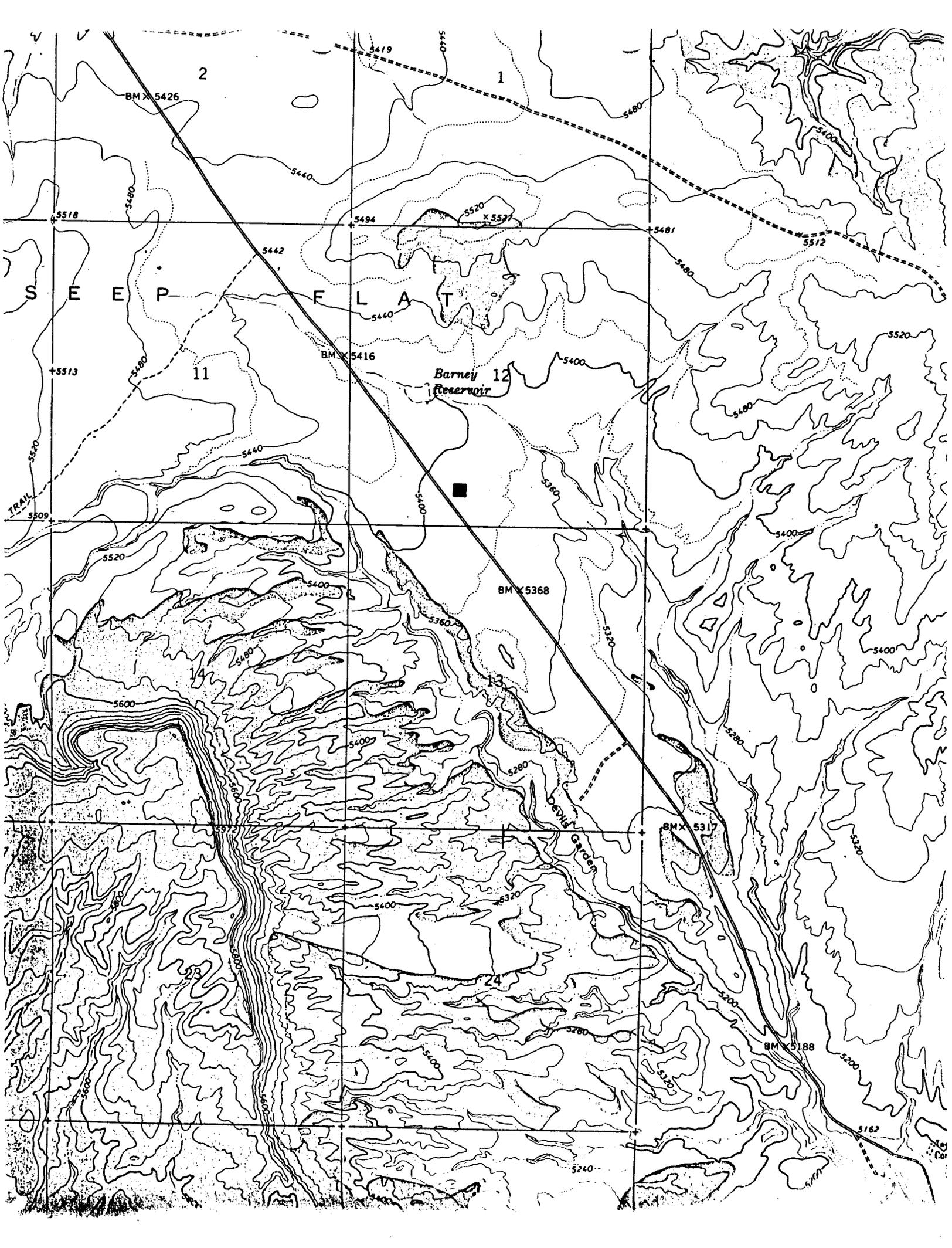
Resource Areas Address:

P.O. Box 225
Escalante, Utah 84726

Office Phone:

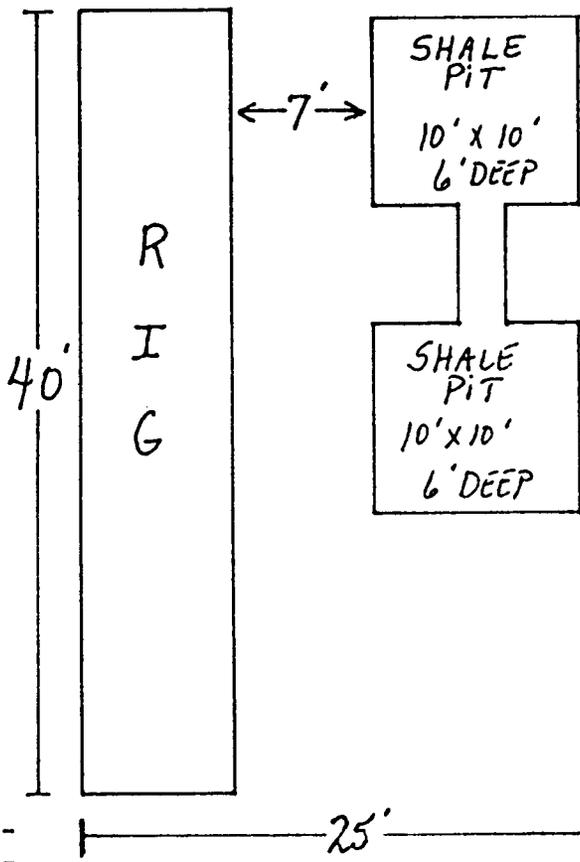
(801) 826-4291







(TOP SOIL)



M.J. Harvey, Jr.
Federal 12-1
Sec. 12, T37S, R4E
Garfield County, Utah

CORRECTION
09/23/82

M. J. HARVEY, JR.

450

LEASE NO. #	SUBP. #	TR. #
U-27862		

STATE/COUNTY		NO. #		COUNTY/PROVINCE		NO. #		PROSPECT/AREA/BLOCK		NO. #		LEASE NAME OR LESSOR'S													
UTAH		43		GARFIELD		17		KAIPAROWITS		19		USA U-27862													
RECORDING DATA		LEASE DATE			EXPIRATION DATE			RENTAL DATE, PER			LEASE TYPE		OBLIG. DATE (M-D)												
BOOK #	PAGE #	MO #	DAY #	YR #	MO #	DAY #	YR #	MO #	DAY #	MO #	TYPE INTEREST	OBLIG. DATE (M-D)													
0000	0000	10	1	74	9	30	84	10	1	12	RENTAL RESPON./LSE STATUS	OBLIG. DATE (M-D-Y)													
GROSS LEASE ACRES				NET LEASE ACRES				OUR NET ACRES				NET MINERAL INTEREST %													
2,559.2000				2,559.2000				2,559.2000				100.0000													
LEASED ACRES ADDED				GROSS PRODUCING ACRES				NET PRODUCING ACRES				OUR NET PROD. ACRES													
.0000				.0000				.0000				.0000													
REV. INT. %		OVR %		LANDOWNERS ROY. %		POOLING		SMUT. IN		RE-ASSIGN		PUGH CL		DAMAGE		BONUS OPT		MIN-ROY		CO-MINGLING		OTHER		SPLIT LEASE	
87.5000		.0000		12.5000																					
CONSIDERATION/BONUS				OTHER CAP. COST				TAX BASE				TOTAL LBS RENTAL INCL BANK CHG				OUR NET RENTAL									
.00				.00				.00				1,280.00				1,280.00									
OPERATOR/APE NO. #				ACQUIRED DATE				ACQUIRED FROM				HOW ACQUIRED				PRICE/ACRE									
																.00									
1ST MAP REFERENCE				2ND MAP REFERENCE				3RD MAP REFERENCE																	
1 37S 4E				POMCO U-101				13 37S 4E																	

GENERAL INFORMATION AREA

56 LAND DESCRIPTION -
57 T 37S R 4E
58 SEC. 1: ALL
59 SEC. 12: ALL
60 SEC. 13: ALL
61 SEC. 24: ALL
62 *
90 ORIG LESSOR -U.S.A.
92 ORIG LESSEE -M. J. HARVEY, JR.

* DEPOSITORY BANK OR RENTAL RECEIVING AGENCY BANK CHG RENTAL PD TO DATE *
* BUREAU OF LAND MANAGEMENT .00 1,280.00 11,520.00 *
* 136 E. SOUTH TEMPLE *
* SALT LAKE CITY, UTAH 84111 *
* USA U-27862 *

PTNR # PARTNER NAME RMKS/ACRES BILLING OWNER % N I
3497 M. J. HARVEY, JR. .00 100.0000 W

* END OF LEASE DATA SHEET *

OPERATOR M. J. Harvey, Jr. DATE 9-4-84

WELL NAME Harvey Fed. 12-1

SEC SE Sw 12 T 375 R. 4E COUNTY Garfield

43-017-30125
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

No other wells within 1000'

Need Water permit

APPROVAL LETTER:

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

c-3-b c-3-c

SPECIAL LANGUAGE:

1- water

10/4/84 TD 415'

M. J. Harvey P&A n/ 2 vacs @ surface with names

as per BLM instructions

OK, RJF.

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



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

September 4, 1984

M. J. Harvey, Jr.
P. O. Box 12705
Dallas, Texas 75225

Gentlemen:

RE: Well No. Harvey Federal #12-1 - SESW Sec. 12, T. 37S, R. 4E
660' FSL, 1980' FWL - Garfield 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

M. J. Harvey, Jr.

Well No. Harvey Federal #12-1

September 4, 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 43-017-30125.

Sincerely,



R. S. Firth
Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-27862
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR M.J. Harvey, Jr.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 12705, Dallas, Texas 75225		8. FARM OR LEASE NAME Harvey Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 1980' FWL SE/4 SW/4 At proposed prod. zone Same		9. WELL NO. 12-1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 air miles southeast of Escalante, Utah.		10. FIELD AND POOL, OR WILDCAT Wildcat
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 2559.2	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 12, T37S, R4E
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA	19. PROPOSED DEPTH 410'	12. COUNTY OR PARISH Garfield
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5389' GR	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	13. STATE Utah
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary
		22. APPROX. DATE WORK WILL START* 9/30/84

RECEIVED

SEP 25 1984

DIVISION OF OIL
GAS & MINING

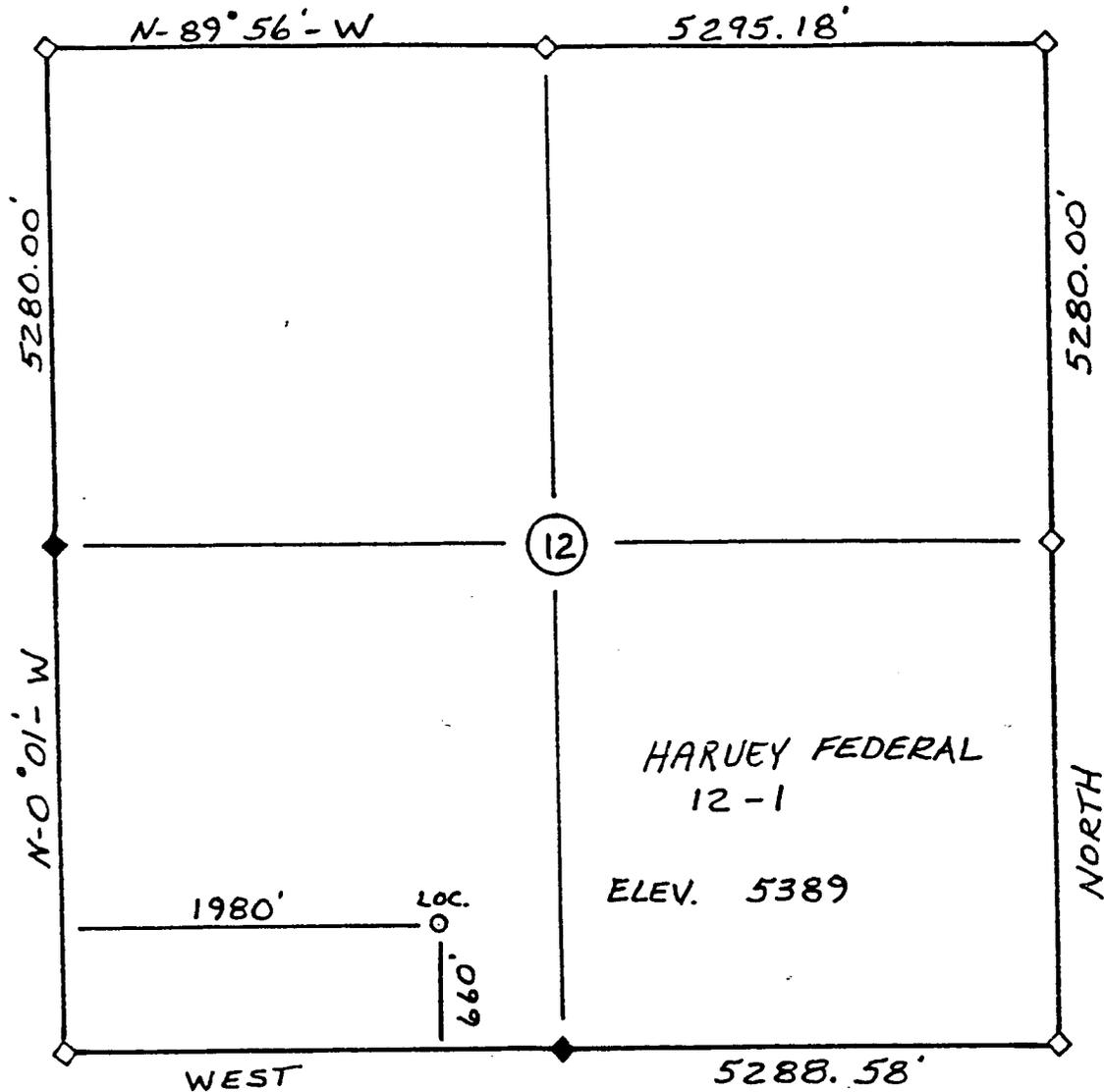
... If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M.J. Harvey TITLE Owner DATE 8/28/84
By Toby W. Franklin Agent
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY J. Kent Siles TITLE Acting Dist. Mgr. DATE 9-21-84
CONDITIONS OF APPROVAL, IF ANY:

Conditions of Approval are attached to operators COPY
NOTICE OF APPROVAL
FLAIRING OR VENTING OF GAS IS SUBJECT TO NTL4-A DATED 1/1/80

*See Instructions On Reverse Side



REFERENCE DOCUMENTS

1913 GLO PLAT

SEEP FLAT
QUADRANGLE, USGS

SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Neale C. Edwards

L.S. NO 5252

DATE: 8-17-84

THIS WELL LOCATION PLAT WAS PREPARED FOR M. J. HARVEY, JR. AS REQUESTED BY TERRY FRANKLIN 660 F.S.L. & 1980 F.W.L. IN THE SE 1/4 SW 1/4, OF SECTION 12, T. 37 S. R. 4 E. OF THE S.L. P.M., GARFIELD COUNTY, UTAH

NCE SURVEYS

364 C.R. 216
DURANGO, COLO.
81301
(303) 247-2342

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: M. J. Harvey, Jr. Well No: Harvey Federal 12-1
Location: 660' FSL, 1980' FLW SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12 Lease No: U-27862
T. 37 S., R. 4 E.

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR 3160), approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned shall be identified in accordance with 43 CFR 3162.6. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 3160-5). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 3160-5) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that

time, a followup report on Form 3160-5 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 3160-6 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (Form 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.4.1. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of the facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with Onshore Oil and Gas Order No. 1; VIII. Reports and Activities Required after Well Completion. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cutting, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values are not involved at this location. Accordingly, you must notify the District Manager at least 24 hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

The Cedar City District Office Address is:

1579 North Main, Cedar City, Utah 84720
(801) 586 2401

Your contact is: Theron Mitchell
Office Phone: (801) 586 2401
Home Phone: (801) 826 4347 or 586 2719

7. Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.
8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communications, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}, \frac{1}{4}$ Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - c. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located, otherwise, the non-Federal or non-Indian land category, i.e. State or private.
 - g. If appropriate, the unit agreement name, number and participating area name.
 - h. If appropriate, the communitization agreement number.
13. Electric log suite is mandatory in accord with Item 5 of your drilling program.

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

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry		5. LEASE DESIGNATION AND SERIAL NO. U-27862																				
2. NAME OF OPERATOR M. J. Harvey, Jr.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR Box 12705 Dallas, Texas 75225		7. UNIT AGREEMENT NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL 1980 FWL SE/4SW/4		8. FARM OR LEASE NAME Harvey Federal																				
14. PERMIT NO.	15. ELEVATIONS (Show whether sv. st. or. sea.) 5389 GR	9. WELL NO. 12-1																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDISE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> <td>SHOOTING OR ACIDISING <input type="checkbox"/></td> <td>ABANDONMENT* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		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 ACIDISE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 12, T37 S, R4 E
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"/>																			
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>																				
		12. COUNTY OR PARISH Garfield																				
		13. STATE 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
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SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input checked="" 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.)

The subject well was plugged at 4:15 P.M. 10/1/84.
Plugging was as follows:
Well was filled with cutting from TD to 10'
2 sax Class G cement was placed from 10' to surface
Approved Dry hole marker was placed at surface
Well ready for final inspection 10/2/84.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5/8/85
BY: John R. Darg

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

SIGNED: [Signature] TITLE: _____ DATE: 3/25/85

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 11, 1985

M.J. Harvey, Jr.
Box 12705
Dallas, Texas 75225

Gentlemen:

Re: Well No. Harvey Federal 12-1 - Sec. 12, T. 37S., R. 4E.,
Garfield County, Utah - API #43-017-30125

According to our records, the above referenced well has been spudded; however, this office has not received proper notification of spudding as requested in the letter of approval to drill.

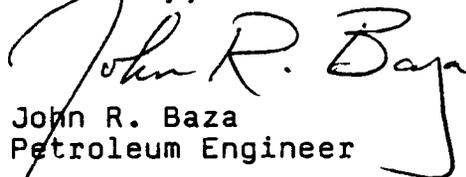
Our records also indicate that you have not filed drilling reports for the months of inception to completion on this well. Division rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Also, please be advised that the "Well Completion or Recompletion Report and Log" for the above referenced well is also due and has not been filed with this office as required by our rules and regulations.

Your subsequent report of plugging and abandonment on this well will be approved upon receipt of the requested reports.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than April 24, 1985.

Sincerely,


John R. Baza
Petroleum Engineer

cc: Dianne R. Nielson
Ronald J. Firth
File

0170S/41

1625 BROADWAY
SUITE 1580
DENVER, COLORADO 80202
303-571-1601

Michael John Harvey, Jr.

P.O. BOX 12705
DALLAS, TEXAS 75225
(214) 363-7380

1221 WEST COAST HIGHWAY
NEWPORT BEACH, CA 92663
(714) 645-5000

April 24, 1985

State of Utah
Oil and Gas Natural Resources
355 W. North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

Attention: Arlene Sollis

Re: Harvey-Federal Well 12-1
Sec. 12, 37S-4E, U-27862
Garfield County, Utah
M. J. Harvey, Jr. - Operator

Gentlemen:

Attached are duplicate copies of Gamma Ray, S.P., Resistance and Density logs run in above-captioned well.

Very truly yours,

M. J. Harvey, Jr.
M. J. Harvey, Jr.
by Gene Morris *m*

cc: Well File
Lease File
Jerry Keeler, Box 927,
Newcaste, Wyo. 82701

RECEIVED

APR 26 1985

DIVISION OF OIL
GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 18, 1985

M.J. Harvey, Jr.
PO Box 12705
Dallas, Texas 75225

Gentlemen:

Re: Well No.: Harvey Federal 12-1 - Sec. 12, T. 37S., R. 4E.,
Garfield County, Utah - API #43-017-30125

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referenced well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than July 3, 1985.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/50

14

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

5. LEASE DESIGNATION AND SERIAL NO.

U-27862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harvey-Federal

9. WELL NO.

12-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12 - T 37S - R 4E

12. COUNTY OR PARISH Garfield

13. STATE Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

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

2. NAME OF OPERATOR M. J. Harvey, Jr.

3. ADDRESS OF OPERATOR Box 12705 Dallas, Texas 75225

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL 1980' FWL SE/4SW/4

At top prod. interval reported below

At total depth

SAME

RECEIVED

JUL 03 1985

DIVISION OF OIL GAS & MINING

14. PERMIT NO. 43-077-30125 DATE ISSUED 9-4-85

15. DATE SPUDDED 9-30-84 16. DATE T.D. REACHED 10-1-84 17. DATE COMPL. (Ready to prod.) Dry 10-1-84 18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 5389 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 415' 21. PLUG. BACK T.D., MD & TVD NA 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NA 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN GAMMA RAY - SP - RESISTIVITY - DENSITY 27. WAS WELL CORRD. NO

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: NA, empty, empty, empty, empty, empty, empty.

Table with 2 main sections: LINER RECORD and TUBING RECORD. LINER RECORD columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD). TUBING RECORD columns: SIZE, DEPTH SET (MD), PACKER SET (MD).

Table with 2 main sections: PERFORATION RECORD and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. PERFORATION RECORD columns: INTERVAL, NO. and number. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED.

Table with 2 main sections: PRODUCTION and TEST DATA. PRODUCTION columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS. TEST DATA columns: DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) WELL PLUGGED 10-1-84 TEST WITNESSED BY

35. LIST OF ATTACHMENTS DRILLING THIS WELL EARNS A 2-YEAR LEASE EXTENSION

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

SIGNED [Signature] TITLE DATE 6/28/85

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, CURSION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
ENTRADA	100'	320'	(NOT TESTED)

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
QUAT. ALLUVIUM ENTRADA CARMEL	SURFACE 100' 320'	