**POWERS ELEVATION**

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

December 31, 1980

State of Utah
Division of Oil, Gas, and Mining
1588 West, North Temple
Salt Lake City, Utah 84116

RE: Filing Application for Permit to Drill
Evergreen Oil Corporation
USA Poison Spring Unit #1
SE SE Sec. 24 T31S R12E
1419' FSL & 660' FEL
Garfield County, Utah

Gentlemen:

Enclosed are three copies of the A.P.D. Form OGC-1a, the location and elevation plat, and the Engineering Program for the above-referenced well.

Please return the approved copies to:

Mr. Malcolm Rowland
Evergreen Oil Corporation
717 North Harwood, Suite 1100
Dallas, TX 75201

RECEIVED
JAN 5 1981
DIVISION OF
OIL, GAS & MINING

Very truly yours,

POWERS ELEVATION

Connie L. Frailey

Connie L. Frailey
Manager, Environmental Services

CLF:sfh
Enclosures

cc: Malcolm Rowland

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: Oil Well [X] Gas Well [ ] Other Single Zone [X] Multiple Zone [ ]

2. Name of Operator: Evergreen Oil Corporation Attn: Mr. Malcolm Rowland

3. Address of Operator: 717 North Harwood, Suite 1100, Dallas, Texas 75201

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1419' FSL & 660' FEL (~~SE~~ NE SE)
At proposed prod. zone: Same

5. Lease Designation and Serial No.: U-16861

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

7. Unit Agreement Name: Poison Spring Unit

8. Farm or Lease Name: Poison Spring Unit

9. Well No.: #1 USA

10. Field and Pool, or Wildcat: Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area: Sec. 24 T31S R12E

12. County or Parrish: Garfield

13. State: Utah

14. Distance in miles and direction from nearest town or post office*: Location is 19.5 miles Southeast of Hanksville, Utah.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 660'

16. No. of acres in lease: 2560

17. No. of acres assigned to this well: not spaced

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: ---

19. Proposed depth: 6100' Mississippian

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): O.G. Elev. 5137'

22. Approx. date work will start*: 1/15/81

23. PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|---|---|---|---|---|
| 16" | 13 3/8" New | 48# J-55 LT&C | 320' | 150 sacks Class "A" neat |
| 12 ¼" | 9 5/8" New | 36# K-55 ST&C | 2500' | 750 sacks plus additives |
| 7 7/8" | 5 ½" New | 15.5# K-55 LT&C | 6100' | 400 sacks plus additives |

1. Set 13 3/8" conductor pipe in 16" hole to 320' and cement in place.
2. Drill 12 ¼" hole and set 9 5/8" surface casing to 2500' with good returns.
3. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 6100'.
4. Run tests if warranted and run 5 ½" casing if productive.
5. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:
"A" Location and Elevation Plat
"B" Engineering Program

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 1/13/81
BY: [signature]

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: Don J Schwartz Title: VP-operations Date: 12/24/80

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

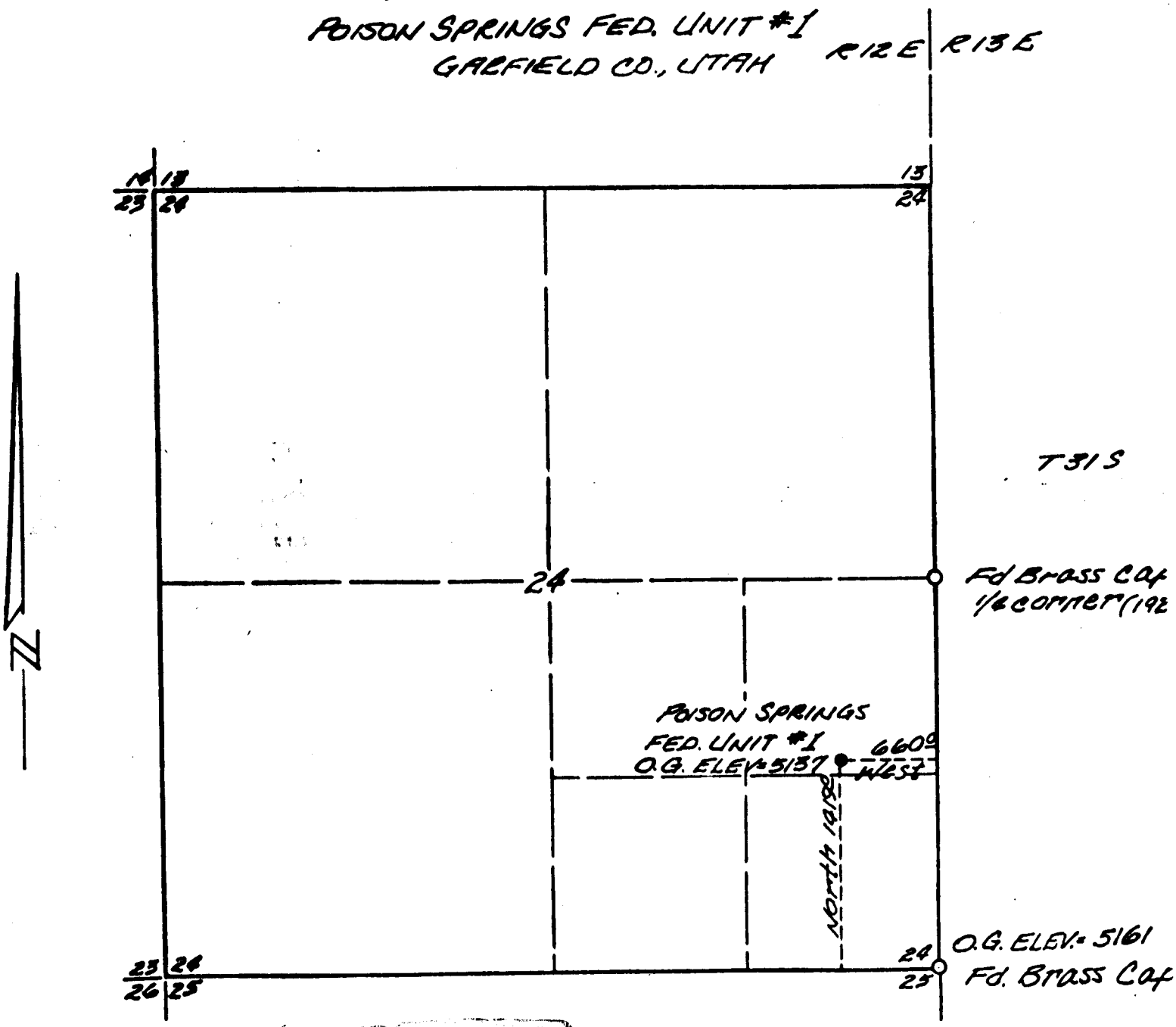
Approved by ..... Title ..... Date .....

Conditions of approval, if any:

*See Instructions On Reverse Side

EXHIBIT "A"
Location & Elevation Plat

WELL LOCATION PLAT
POISON SPRINGS FED. UNIT #1
GARFIELD CO., UTAH




RECEIVED
JAN 5 1981
DIVISION OF
OIL, GAS & MINING

FOR: EVERGREEN OIL CO.
Well location plat of
POISON SPRINGS FED. UNIT #
in Sec. 24, T31S, R12E, S.L.B.&
transit & E.D.M. survey
Scale 1"=1000'
December 16, 1980
ELEVATIONS BY VERTICAL ANGLE
FROM U.S.G.S. TOPO QUAD. "BULL MTN
UTAH", 1952. SE COR. SEC. 24,
ELEV. = 5161

UTAH L.S. No 1963

## EXHIBIT "B"

## ENGINEERING PROGRAM

**Attached to Form 9-331C**
**Evergreen Oil Corporation**
**USA Poison Spring Unit #1**
**SE SE Sec. 24 T31S R12E**
**1419' FSL & 660' FEL**
**Garfield County, Utah**

### 1. The Geologic Surface Formation

The surface formation is the Jurassic Entrada.

### 2. Estimated Tops of Important Geologic Markers

| | |
|---|---|
| White Rim | 1077' |
| Rico | 2351' |
| Hermosa | 2734' |
| Molas | 4052' |
| Mississippi | 4412' |
| Total Depth | 6100' |

### 3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

| | | |
|---|---|---|
| Sinbad Limestone | (above 1000') | Oil |
| Kaibab Limestone | (above 1000') | Oil |
| White Rim | 1077' | Oil/Water |
| Paradox (Hermosa Group) | 2734'- | Salt Water |
| Mississippi | 4412' | Oil |

## 4. The Proposed Casing Program

| HOLE SIZE | INTERVAL | SECTION LENGTH | SIZE (OD) | WEIGHT, GRADE & JOINT | NEW OR USED |
|---|---|---|---|---|---|
| 16" | 0 - 320' | 320' | 13-3/8" | 48# J-55 LT&C | New |
| 12-1/4" | 0 - 2500' | 2500' | 9-5/8" | 36# K-55 ST&C | New |
| 7-7/8" | 0 - 6100' | 6100' | 5-1/2" | 15.5# K-55 LT&C | New |

**Cement Program**

Conductor: 150 sacks Class "A" neat.

Surface: 750 sacks light weight plus 1lb. per sack permachek, plus 250 sacks Class "H", plus 2% Calcium Chloride.

Production: 400 sacks of 1-1 Talc, plus .6% CFR-2, plus .2% AF-11.

## 5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

## 6. The Type and Characteristics of the Proposed Circulating Muds

This well will be drilled with air from surface to total depth. Exhaust will be muffled. Other materials will be on site to handle any anticipated downhole problems as well as possible spills of fluid on the surface. **

** If water flow is encountered, the well will be drilled with mud.
Type: gel-chem
Weight: 9#/gal.
Viscosity: 35-40 sec./qt.
Fluid Loss: NC to 5000' - 6cc from 5000' to total depth.

## 7. The Auxiliary Equipment to be Used

(a) An upper and lower kelly cock will be kept in the string.

(b) A float will be used at the bit.

(c) A mud logging unit and gas detecting device will be monitoring the system.

(d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

(a) Drill Stem Tests will be determined during drilling.

(b) The logging program will consist of the following: DIL, CNL, FDC, GR, BHC Sonic from surface casing to total depth. Also possible FT or DST.

(c) No coring is anticipated.

(d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2500.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for January 15, 1981, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 20 days after spudding the well and drilling to casing point.

Oil and Gas Drilling EA No. 221-81

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 17, 1981

# ENVIRONMENTAL ASSESSMENT

for

Application for Permit to Drill

Evergreen Oil Corporation

Well No. 1 USA

Section 24, T. 31S., R. 12E., SLB & M

Garfield County, Utah

Federal Lease U-18861

Prepared by

George Diwachak
Environmental Scientist
Salt Lake Cit, Utah

## Introduction

This Environmental Assessment (EA) is being prepared under the USGS Conservation Division interim EA procedures. These procedures call for the Categorical Exclusion of wellsites that meet nine environmental criteria. A categorically excluded well requires no EA. Wellsites that fail to meet one or more of the nine criteria, or are indicative of field development in an area require an EA.

This EA is being prepared for the Evergreen Oil Corporation, Poison Springs Unit No. 1 USA wellsite as it fails to meet the following environmental criteria:

1. Unique Characteristics: The location falls within a contested BLM Wilderness Unit. Improper construction and reclamation practices would not meet management guidlines required for operations in such wilderness areas.

This APD is part of a two well program submitted by Evergreen Oil Corporation within the recently approved Poison Springs Unit. Figure 2, in Appendix, shows well locations in relation to the Fiddler Butte Wilderness Unit. The No. 2 location in Section 4, T. 12S., R. 31E. falls within another Wilderness Unit under the same management guidelines, but portions of the access road pass through the Fiddler Butte Wilderness Unit.

Approval of this action could constitute grounds for the categorical exclusion of the No. 2 well. This EA would serve as reference and background material for a no significant effect determination for the unique characteristics criterion of the Record of Review (ROR).

The following participated in an onsite inspection of the proposed location and access road on January 27, 1981.

| NAME | REPRESENTING |
|---|---|
| George Diwachak | USGS |
| Larry Gerhart | BLM |
| Carl Hunt | Hunt's Service/Evergreen |

Description of Proposed Action

Evergreen Oil Corporation plans to drill a wildcat oil test in the NE/4 SE/4 Section 24, T. 31S., R. 12E., Garfield County, Utah in the recently approved Poison Springs Unit. The proposed plan addresses both surface and subsurface operations and is included in the Appendix.

Surface Ownership:

Location: Surface ownership is public, administered by the BLM-Hanksville, Utah.

Access: The existing access road crosses public and state lands and is maintained by Garfield County (See Exhibit E of APD).

Project Time Frame:

Starting Date: Upon Approval

Duration of Drilling Activities: 20 days

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

Nearby Pending Actions Which May Affect or be Affected by the Proposed Action:

The wellsite falls within BLM Wilderness Inventory Unit #241, Fiddler Butte. (See Figure 2 in Appendix) A portion of the area, including the test site, was dropped from wilderness consideration in Final Decision, BLM Intensive Wilderness Inventory, in November of 1980; however the decision was contested by environmental groups and the inventory unit, is under protest/appeal to IBLA and must remain under management restrictions imposed by Section 603 of Federal Land Policy and Management act of 1976 (FLPMA). Consequently, the lands must be managed according to Interim Management Policy and Guidelines for Lands Under Wilderness Review. Under these guidelines, activities can be allowed so long as they are conducted in a manner that does not impair wilderness suitability of the area as a whole.

Environmental Considerations of the Proposed Action:

Regional Setting/Access

The proposed test site is located about 20 miles Southeast of Hanksville, Utah, the nearest town. Glen Canyon National Recreation area is about 2 miles Southeast of the location (See Figure 1 in Appendix). Access to the location is via State Highway 95 and an existing county road (See Exhibits E and $E_1$ of APD). The county road is constructed of native materials and would require minor upgrading to permit access. Two sharp curves need rounding to provide a safe route for truck traffic. A 200 ft. long by 15 ft. wide access ramp would be constructed from the existing road to permit entry to the pad. Minor surface disturbances, less than 0.5 acre, would be associated with access construction and maintenance.

## Topography

The proposed location is in the Southeast corner of the Burr Desert within the Colorado Plateau Physiographic Province within the southeast portion of the Burr Desert. Topography is characterized by flat to gently rolling hills of shallow eolian deposits and sand dunes dissected by drainages and steep canyons. The test site itself is situated on a moderately sloping, heavily dissected, sparsely vegetated hillside covered with a thin layer of blow sand. Bedrock is expected within 1 ft. of the surface. A maximum cut of 11.6 ft. and maximum fill of 5.9 ft. would be necessary to level the pad area.

## Geology

The expected tops of geologic formations of interest are discussed in the 10-Point Subsurface Plan of the APD. The stratigraphy of the area is included in the Mineral Evaluation Report from the District Geologist, M.E., Salt Lake City. (See Appendix)

## Other Local Mineral Resources to be Protected

Tar sands are known to occur in the White Rim Formation. The Tar Sands Triangle of Southeastern Utah is just northeast of the test site (See Figure 1). The drilling of this well could provide information concerning area tar sands. The operator is required by standard stipulation to protect other extractable mineral resources.

## Geologic Hazards

Scattered blow sand deposits occur throughout the region and represent formidable impediments to overland travel and could cause land instability under certain condition. Soils are thin at the wellsite and construction would probably occur into bedrock providing a relatively stable pad. Lining the reserve pit would help insure fluid retention.

Although subsidence could occur anytime that fluids are extracted from the subsurface, none is expected; however, no conclusions can be made.

No known active fault zones are located within the vicinity of the wellsite. The area is categorized as a region of minor seismic risk.

The operator does not anticipate abnormal pressures or temperatures. Bottom hole pressure expected is 2500 psi. No hydrogen sulfide or other hazardous fluids or gasses are expected based on records of other wells drilled to similar depths in the area. Blowout prevention equipment has been reviewed by USGS staff engineers and deemed to be adequate.

Soils

Soils in the area consist of eolian deposits or blow sands and are relatively thin at the wellsite (less than 1 ft. to bedrock). The soils are well drained and permeability is moderate to rapid. Runoff is medium to rapid and sediment production is moderate. The soils are highly erosion-susceptible by wind and water. Surface disturbances can readily accelerate erosion in such sandy areas. The potential for a sand blowout also exists.

Climate

The climate of the area is semi-arid with abundant sunshine, hot summers and generally mild winters, with temperature variations on a daily and seasonal basis. The yearly mean temperature is about 53$^{o}$F. January is the coldest month with a mean maximum of 40$^{o}$F and mean minimum of 12$^{o}$F. Conversly, July is the hottest month with a mean maximum temperature of 96$^{o}$F and mean minimum of 62$^{o}$F. The growing season averages between 150 and 175 days. The annual precip-

itation in the area ranges from 4 to 10 inches with most occurring as summer thunderstorms. Winds are strong and gusty occurring predominately from west, southwest to east, northeast.

Climatic factors should have little effect on drilling, since drilling would be completed prior to the summer thunderstorm season when localized flashfloods could be a problem.

Air Quality

The area of the wellsite and nearby Glen Canyon National Recreation Area are within a Class II air quality classification region. This classification allows moderate air quality deterioration associated with moderate, well-controlled industrial and population growth. It is not anticipated that this wellsite will have a significant effect on the air quality of the area. Relatively heavy traffic would be anticipated during the drilling and operations phase, with construction and operations increasing dust levels and exhaust pollutants in the area. If the well were to be completed for production, traffic would be reduced substantially to a maintenance schedule, with a corresponding decrease of dust levels and exhaust pollutants. Should a gas leak occur, the effects would be extremely short-lived.

Noise

Background noise at the site is generally very low. The noise level at the site will increase significantly during the construction and drilling phases of the project. This increase is attributable to diesel drilling engines, generators, pumps, and service vehicles. The increased noise may be a nuisance to wildlife and result in their temporary migration from the immediate area.

The noise impact should have no long-term effects on the area, as it would be infrequent, following drilling, and should return to pre-drilling levels after abandonment.

Water Resources

Surface Waters:

The wellsite is in the Dirty Devil River Basin which flows into Lake Powell at Hite, Utah. (See Figure 1) Sedimentation at the Hite area is expected to be about 35,000 acre-feet per year and represents about 1/2 of the average annual sedimentation inflow into Lake Powell. Estimated sediment yield rates for the Dirty Devil River Basin range from 1.0 - 3.0 acre-feet per square mile per year. Dissolved solids in the Dirty Devil average just under 2,000 ppm. There are no significant sources of bacteriologic or organic pollutants in the area.

Drainage from the location is northward through non-perrenial washes to Poison Springs Canyon, a tributary of the Dirty Devil River. The location itself is disected by two small drainages. Pad construction would; however, obliterate most of the localized drainage area and most drainage would be eliminated.

Water for drilling purposes would be purchased from the Granite Ranch or Hunts Service as decided upon at the onsite inspection. Several problems could arise with water use as requested in the APD. Please refer to BLM input letter in Appendix.

Sedimentation to the Dirty Devil River could increase from pad construction, but the small surface disturbance (about 2.3 acres) should not significantly increase sediment yields. The lack of live surface water in the area eliminates spill potential, although local drainages could be affected by spills of oil, water or drilling fluids.

Groundwater:

Fresh water could be encountered during drilling from the surface to about 2350 ft. The casing and cementing program has been designed to protect fresh water resources. Lost circulation zones could; however, necessitate adjustments to the cementing program. The operator is required to protect and isolate fresh water aquifers per standard stipulation.

Since the reserve pit will probably be constructed in bedrock, it should be lined to prevent seepage of oil, drilling fluids, and water into any shallow aquifers.

Flora and Fauna

Based on the informal comments received from the BLM on January 27, 1981, we determine that there would be no effect on threatened or endangered species and their critical habitat.

Plants in the area of the test site consist of a sparse covering of sagebrush, snakeweed, mormon tea, cacti and associated grasses and forbs. The presence of a few juniper trees suggest that the area is probably a transitional zone between a northern desert shrub community, dominated by black brush in much of the region, and the Pinyon-Juniper Woodland Association.

The sandy soils of the area are highly erosion-susceptible and are readily transported by wind and water. The only impediment to their movement is the sparse mantle of vegetation that helps bind soil particles. Any disturbance of this vegetative cover, including trampling, vehicle travel and grazing can readily increase the volume of material transported. Pad construction and drilling activities would therefore result in an unquantified but probably insignificant increase in erosion.

Vegetation removal would also destroy wildlife habitat and food sources and reduce the organic and chemical ingredients necessary for revegetation.

Wildlife in the area consists of antelope, a variety of rodents, predators such as the badger, fox and coyote, a variety of lizards and numerous bird species. Raptors such as the red-tailed hawk, prairie and peregrine falcons, and golden and bald eagles also inhabit the region and would be expected to hunt in the vicinity of the test site.

Wildlife, particularly rodents, would be affected temporarily in distributional sense during construction and drilling activities. No major impacts are expected to raptors due to the lack of nesting and roosting sites in the immediate area. Other species would simply avoid the area due to man's intrusion.

Land Use

The general area is used for grazing, and recreation. Both uses are rather limited due to sparse vegetation and poor road systems. The potential for a variety of recreation activities does exist in the

area. Some hydrocarbon exploration has occurred in the past. Five wells were previously drilled in Sections 4 and 5 and one in Sec. 23, T. 12S, R. 31E. and other nearby areas. The drilling of this well should not significantly alter present land uses of the area, although, road upgrading would provide better access to the immediate area and recreation could expand above the usual 4-wheel drive vehicles.

Affected Floodplains and/or Wetlands

Since the surrounding area is subject to an arid desert climate no active floodplains or wetlands would be disturbed by the proposed action. The closest wetlands are located in Poison Springs Canyon and in the floodplain of the Dirty Devil River.

Aesthetics: The operation does not blend in with the natural surroundings. Minor distractions from aesthetics would occur over the lifetime of the project until complete rehabilitation is accomplished. If the well is producible, all permanent facilities placed on the location should be painted a color designed to blend in with the natural environment.

Socioeconomics

Effects from this well on the socioeconomics of the local area are considered minor. The construction company, drilling contractor and crews, service companies and operator personnel would all experience direct increases in income. Local motels, restaurants, and other services would also benefit financially. Expenditures on local services would be of relatively short duration due to the temporary operating timetables. Local employment would be slightly affected as construction and possibly operating personnel would originate from Hanksville, the local community.

Cultural Resource Determination

Based on the formal comments received from BLM on February 6, 1981 we determine that there would be no effect on cultural resources.

Adequacy of Restoration Plans:

The restoration plans meet the minimum requirements of NTL-6 and have been supplemental by BLM stipulations. Restoration to original contours would be impossible as the area is dissected by drainages causing uneven, undulating terrain. However, by smoothing and removing sharp contour breaks to blend with the natural topography, approximating the original slope of the area, and reseeding, the site should be reclaimed to a condition of being substantially unnoticeable in the area as a whole.

Roadless/Wilderness Areas

The test site and access road fall within a contested Wilderness Unit (See Nearby Pending Actions - - - section of this EA on page 3). Figure 2, in Appendix, shows the western portion of the Fiddler Butte Wilderness Unit. The portions of the unit dropped from further wilderness study, which includes the project area, contain noticeable imprints by man where mineral and livestock interest have prevailed. The portions of the unit recommended for Wilderness Study Area (WSA) status meet naturalness criteria, offer various opportunities for solitude and are contiguous to National Park Service lands (in GCNRA) that are proposed for wilderness designation.

The test site area does not fall within the portions of the unit that were protested, but the entire unit must be included under such category. Because of the existing development of the area, it would never qualify

as wilderness as naturalness characteristics are not met. (pers. comm., Herb Hunt, District Wilderness Coordinator, BLM, Richfield). The area under protest/appeal must; therefore, be managed under the Interm Management Policy and Guidelines for Lands under Wilderness Review, and meet specific nonimpairment criteria (See Appendix for Nonimpairment Criteria). The BLM has determined that these management guidelines can be complied with if the surface use plan of the APD is followed to the letter and the BLM stipulations are met (See BLM letter to USGS in Appendix).

Cumulative Impacts

Cumulative impacts would occur if the operator extended exploration beyond the No. 1 and 2 wells. Drilling of these two wells should not add any significant impacts to the area in conjunction with the abandoned wells in the area. However, if hydrocarbons were discovered in either or both wells, more wells would probably be drilled to define the limits of a potential oil field and to economically and efficiently drain the resource.

Cumulative impacts resulting from oil field development activities would include, but not be limited to, denuding several acres of vegetation for roads, drill pads and pipelines, increased pressure on wildlife behavior, continual encroachment on recreation, air quality and scenic values, and a disruption of current land use patterns. Removal of vegetation over several acres would provide cumulative effects of increasing erosion/sedimentation in local and regional hydrologic systems, destroying wildlife habitats and food sources, reducing the organic and chemical ingredients necessary for successful revegetation and soil stabilization. Continuous encroachment on

recreational and scenic values as well as air quality would result through increases in noise, exhausts, particulates, odors, traffic and construction.

Cumulative effects to the subsurface environment may include: contamination of groundwaters through commingling with drilling chemicals, contamination of potentially usable groundwater supplies through interaquifer leakage via the wellbore, subsidence due to fluid withdrawal by drilling operations and leaching of potentially harmful chemicals from reserve pits into subsurface water systems.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur. The existing environment would remain in its present state and no surface disturbances would occur. The lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency Supervision. The nonimpairment criteria of the Interim Management Policy and Guidelines for Lands under Wilderness Review would be complied with and environmental impacts would be significantly mitigated.

Adverse Environmental Effects

Unavoidable adverse effects would include the stripping of about 3 acres of vegetation, temporarily increasing erosion/sedimentation/ blowout potential and source acreage for fugitive dust. The amount of food supply and habitat for wildlife and livestock would be temporarily decreased as well as the visual/aesthetic quality of the scenic and recreation resources of the area. Any potential wilderness values of the area could be disturbed, but would be prevented as much as possible by strict adherence to the surface use plan and stipulation. Minor induced air pollution due to exhaust emmissions from rig engines and support traffic engines would occur. Vehicular traffic associated with the operation would also increase particulates from fugitive dust. Noise levels would temporarily increase during construction and drilling phases of the project. The potential for fires, gas leaks, and spills of oil, water and drilling fluids would exist. Subsurface damage to fresh water aquifers and other geologic formations is also possibility.

If the well is a producer, long term visual impacts would occur from production facilities. Increased noise and fugitive dust due to upgrading and maintenance of access roads, and various vehicular traffic would occur. The discovery of hydrocarbons could also trigger field development which would increase environmental impacts cumulatively.

Recommended Stipulations

1. Garfield County shall be contacted regarding the upgrading of the county road for planned for access.

2. The top six inches of topsoil will be removed and stockpiled in a windrow around the perimeter of the location. This stockpile should contain approximately 1600 yards$^3$

$$\left(\frac{300 \text{ ft} \times 300 \text{ ft} \times 0.5 \text{ ft}}{27 \text{ ft}^3/\text{yd}^3} = 1666 \text{ yds}^3\right)$$

3. Excess cut or spoil material shall be segregated from topsoil stockpiles.

4. The reserve pit will be lined with bentonite or other suitable material which will seal it and prevent the loss of liquids into the drainages below the location and the leaching of fluids into the subsurface.

5. Pits will be fenced on three sides during drilling operations and the 4th side fenced upon completion of drilling and until reclamation of the locations is completed.

6. A trash cage will be provided which will totally enclose with small mesh wire all trash to prevent trash from being scattered. If any trash does escape from the location it will be picked up and removed or buried before approval of reclamation work occurs.

7. No reclamation work is to be started until a BLM representative confirms that the mudpits have dried sufficiently to prevent puddling of the soil.

8. The location will be recontoured to approximately natural contours for reclamation purposes.

9. The location will be seeded to the following mixture of seed <u>in the presence of a BLM representative:</u>

| | | | |
|---|---|---|---|
| a. | Indian ricegrass | Oryzopsis hymenoides | 3 lb. |
| b. | Sand dropseed | Sporobolus cryptandrus | 2 lb. |
| c. | Galleta | Hilaria jamesii | 2 lb. |
| d. | Mormon tea | Ephedra viridis | 2 lb. |
| e. | Globemallow | Sphaeralcea coccinea | 2 lb. |

10. The BLM Area Manager in Hanksville, Utah, will be notified 72 hours in advance of any surface disturbing activities.

11. The BLM Area Manager will be notified upon completion of drilling activities.

12. If useable water is found and the hole is abandoned, the well will be left in a condition so that the BLM can use it for water development.

13. Water for drilling purposes shall be purchased from Granite Ranch or Hunt's Service. If the Tenneco well in Sec. 4, T. 12S., R. 31E., is used for a water source as originally proposed, written permission must be obtained from livestock operators who use the well and pay for maintenance of the facilities. Arrangements should be made for restitution for any damages to the well facilities or for rental of equipment. Proof of permission shall be provided to the BLM.

Controversial Issues

No controversial Issues were discovered during the preparation of this document.

## Finding of No Significant Impact

We have examined the impacts of the proposed action, Evergreen Oil Corporation Poison Springs Unit No. 1 USA Well, in the preceeding pages of the Environmental Assessment. The following summary sheet shows the evaluation of these impacts against each of the parameters listed for "significance" in 40 CFR 1508.27 and the background impact reference for our reasons of determining the no impact or no significant impact category.

Finding of No Signicant Impact
40 CFR 1508.13 and .27

Key
NI - No impact
NS - No significant impact

| CEQ parameter 40 CFR 1508.27(b) | Severity of Impact Level/Degree of Significance | EA Page and Paragraph Reference |
|---|---|---|
| 1. Beneficial and/or adverse effects. | NS | par. 3, p. 4<br>par. 4, p. 4<br>par. 5, p. 5<br>par. 2, 3, p. 6<br>par. 1, p. 8<br>par. 3, p. 10<br>par. 1, 2, p. 14 |
| 2. Public health and safety. | NS | par. 1, p. 3<br>par. 3, 4, p. 11<br>par. 4, p. 14 |
| 3. Unique characteristics of the geographical area. | NS | par. 1, p. 3<br>par. 3, 4, p. 11 |
| 4. Effects highly controversial. | NI | |
| 5. Highly uncertain effects or unique or unknown risks. | NI | |
| 6. Establishes precedent for future actions or is a decision in principle about future action. | NS | par. 4, p. 1<br>par. 1, p. 3 |
| 7. Assessment of cumulative actions and impacts thereof. Note 40 CFR 1508.7 | NS | par. 1, 2, p. 12<br>par. 1, p. 13 |

Finding of No Significant Impact
40 CFR 1508.13 and .27

| CEQ Parameter 40 CFR 1508.27(b) | Severity of Impact Level/Degree of Significance | EA Page and Paragraph Reference |
|---|---|---|
| 8. Effect on districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places or may cause loss or destruction of significant scientific, cultural historical resources. | NI | |
| 9. Effects on endangered or threatened species or their habitat that have been determined to be critical under the Endangered Species Act of 1973. | NI | |
| 10. Threatens a violation of Federal, State, or local law or requirements imposed for the protection of the environment. | NS | par. 1, p. 3<br>par. 3, 4, p. 11 |
| 11. Other related NEPA and environmental documents. | See References | |

Determination:

In my opinion, the proposed action does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C), and the environmental impacts of the proposed action are not likely to be highly controversial.

District Supervisor, Salt Lake City District — Date: 2/18/81

I concur

FOR Deputy Conservation Manager, Central Region — Date: 2/24/81

I determine that the preparation of an environmental impact statement is not required.

For Conservation Manager, Central Region — Date: 2/25/81

EVERGREEN #1 N

## SELECTED REFERENCES


Algermissen, S. T., and D. M. Perkins. 1977, Earthquake Hazard Map of United States: Earthquake Information Bulletin Vol. 9, No. 1, U.S. Geological Survey, Reston, VA.

Anderson, B.A., 1979, Desert Plants of Utah: Cooperative Extension Service, Utah State University, Logan, Utah. 146 p.

Bureau of Land Management, 1979, Initial Wilderness Inventory Proposals, Utah: U.S Dept. of Interior, BLM, Salt Lake City, Utah. 115 p.

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Keller, E.A., 1976, Environmental Geology: C.E. Merril Publiching Company, Columbus, Ohio. 488 p.

National Park Service, 1979, Draft Mineral Management Plan: USDI/NPS, Page, Arizona. 56 p.

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U.S. Geological Survey, 1978, Usual Environmental Analysis, Fulton Oil and Gas, Inc., Well No. 1, Sec. 23, T. 31S., R. 12E., EA No. 997: USDI, USGS, Salt Lake City, Utah. 10 p.

U.S Geological Survey, 1980, Usual Environmental Assessments, No. 480-80 through 487-80, William C. Kirkwood, Drilling Program, Hatch Canyon Unit, T. 31S., R. 15E.: USDI, USGS, Salt Lake City, Utah. 9p. ea.

Williams, P.R. and R.J. Hackman, 1971, Geology, Structure, and Uranium Deposits of the Salina Quadrangle, Utah: Miscellaneous Geologic Investigation, Map I-591, USDI, USGS, Reston, Virginia. 1:250,000

Wilson, LeMoyne, et.al, 1975, Soils of Utah: Agricultural experiment Station, Bulletion 492, Utah State University, Logan, Utah. 94 p.

Zarn, Mark, 1977, Ecological Characteristics of Pinyon-Juniper Woodlands on the Colorado Plateau: U.S. Dept. of Interior, Bureau of Land Management, Technical Note 310, Denver, Colorado. 183 p.

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-16861

OPERATOR: Evergreen Oil Corp. WELL NO. 1 USA

LOCATION: C E ½ SE ¼ sec. 24, T. 31 S., R. 12 E., SLM

Garfield County, Utah

---

1. Stratigraphy:

| | | | |
|---|---|---|---|
| Entrada | surface | White Rim | 1075' |
| Navajo | | Rico | 2350' |
| Kayenta | | Hermosa | 2735' |
| Wingate | | Molas | 4050' |
| Chinle | | Mississippi | 4410' |
| Moenkopi | | TD | 6100' |
| Sinbad | | | |

2. Fresh Water:

Fresh water is possible to the Rico.

3. Leasable Minerals:

None expected

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Maureen W. Wood Date: 1-31-01

** FILE NOTATIONS **

DATE: January 12, 1981

OPERATOR: Evergreen Oil Corporation

WELL NO: Posson Spring Unit #1USA

Location: Sec. 24 T. 31S R. 12E County: Garfield

File Prepared: ☐ Entered on N.I.D: ☐

Card Indexed: ☐ Completion Sheet: ☐

API Number 43-017-30101

CHECKED BY:

Petroleum Engineer: M.J. Minder

Director: OK under rule c 3(c) topo exception

Administrative Aide: terminated unit?

APPROVAL LETTER:

Unit

Bond Required: ☐ Survey Plat Required: ☐

Order No. _____ O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed. Plotted on Map ✓

Approval Letter Written ✓

Hot Line ✓ P.I. ✓

January 15, 1981

Evergreen Oil Corporation
717 North Harwood
Suite 1100
Dallas, Texas 75201

Re: Well No. POISON SPRONG UNIT #1
Sec. 24, T. 31S, R. 12E
Garfield County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-017-30101.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

/ko
cc: USGS

Form 9-331 C
(May 1963)

DUPLICATE

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-16861

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

7. UNIT AGREEMENT NAME: Poison Spring Unit

8. FARM OR LEASE NAME: Poison Spring Unit

9. WELL NO.: #1 USA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 24 T31S R12E

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

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

2. NAME OF OPERATOR: Evergreen Oil Corporation

3. ADDRESS OF OPERATOR: 717 North Harwood, Suite 1100, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1419' FSL & 660' FEL (SE SE)
At proposed prod. zone: same Same

12. COUNTY OR PARISH: Garfield 13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Location is 19.5 miles Southeast of Hanksville, Utah

15. 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: 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL: not spaced

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: ----

19. PROPOSED DEPTH: 6100'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): O.G. Elev. 5137'

22. APPROX. DATE WORK WILL START*: January 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|---|---|---|---|
| 16" | 13-3/8" new | 48# J-55 LT&C | 320' | 150 sacks Class "A" neat |
| 12-1/4" | 9-5/8" new | 36# K-55 ST&C | 2500' | 750 sacks plus additives |
| 7-7/8" | 5-1/2" new | 15.5# K-55 LT&C | 6100' | 400 sacks plus additives |

1. Set 13-3/8" conductor pipe in 16" hole to 320' and cement in place.
2. Drill 12-1/4" hole and set 9-5/8" surface casing to 2500' with good returns.
3. Log B.O.P. checks in daily drill reports and drill 7-7/8" hole to 6100'.
4. Run tests if warranted and run 5-1/2" casing if productive.
5. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirements for A.P.D.
"E" & "E1" Access Road Maps to Location
"F" Radius Map of Field
"G" Drill Pad Layout & Cut-Fill Cross Sections
"H" Drill Rig Layout

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 Don J. Schwartz TITLE VP-Operations DATE 12/24/80

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY W P Martin TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE MAR 04 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

Production Facilities and Flowline NOT Approved

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

Utah Oil and Gas

RECEIVED

DIVISION OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Henry Mountain Resource Area
P.O. Box 99
Hanksville, Utah 84734

IN REPLY REFER TO
3000 (U-504)

Evergreen Oil
#1
Sec 24-31S-12E
U-16861

February 3, 1981

George Diwachak
USGS Conservation Division
2000 Administrative Building
1745 W. 1700 S., SLC, Utah 84104

RE: Evergreen Oil, proposed drilling locations
Sec. 24, T. 31 S., R. 12 E., and Sec. 4, T. 31 S., R. 12 E.

Dear Mr. Diwachak:

After reviewing Evergreen Oils A.P.D.'s and Multi-Point plans for their wildcat wells USA Poison Spring Unit #1 and USA Poison Spring Unit #2; we feel they meet our surface protection standards. But, there were some points in the plan we question and some we would like to reemphasize.

In their A.P.D. for well #2 it is stated that there are no water wells with in a 2 mile radius of their location and that Evergreen is going to obtain water from the Tenneco water well which is in the same section as their proposoed oil well. The Tenneco well has been turned over to the BLM and is used by livestock operators to water their stock. If the Tenneco well is used for a water source we will require that Evergreen Oil obtain written permission from the livestock operators who use that well and pay for the maintenance of the facilities at the well. If the operators permit the use of their facilities some arrangement will have to be worked out to guarantee repair of any damage that might occur to the facilities. This guarantee could be in the form of bonding or cash. It's also possible that they might require a rental fee to cover wear and tear on their equipment.

The lands on which these leases occur have been placed in a category which requires them to be managed under the "Interim Management Policy and Guidelines for Lands under Wilderness Review". It appears they will remain under these management guidelines until a decision is made in court or by the United States Congress to determine if they meet wilderness standards. Under these guidelines we are required to have "reclamation standards that will ensure that the impacts will be substantially unnoticeable in the area as a whole". If the multi-point plan is followed to the letter and the following stipulations are met, we feel that we will have complied with the management guidelines.

STIPULATIONS

Well Site #1

1) The top six inches of topsoil will be removed and stockpiled in a windrow around the perimeter of the location. This stockpile should contain approximately 1600 yards$^3$ $\left(\frac{300 \text{ ft} \times 300\text{ft} \times 0.5\text{ft}}{27\text{ft}^3/\text{yd}^3} = 1666\text{ys}^3\right)$ of topsoil. This

soil will be redistributed evenly over the location when reclamation work is done.

2) Mudpits will be lined with bentonite or other suitable material which will seal them and prevent loss of liquids into the drainage below the location.

3) No reclamation work is to be started until a BLM representative confirms that the mudpits have dried sufficiently to prevent puddling of the soil.

4) Pits will be fenced on three sides during drilling operations and the 4th side fenced upon completion of drilling and until reclamation of the locations is completed.

5) A trash cage will be provided which will totally enclose with small mesh wire all trash to prevent trash from being scattered. If any trash does escape from the location it will lbe picked up and removed or buried before approval of reclamation work occurs.

6) The location will be recontoured to approximately natural contours for reclamation purposes.

7) The location will be seeded to the following mixture of seed in the presence of a BLM representative:

| | | | |
|---|---|---|---|
| a. | Indian ricegrass | Oryzopsis hymenoides | 3 lb. |
| b. | Sand dropseed | Sporobolus cryptandrus | 2 lb. |
| c. | Galleta | Hilaria jamesii | 2 lb. |
| d. | Mormon tea | Ephedra viridis | 2 lb. |
| e. | Globemallow | Sphaeralcea coccinea | 2 lb. |

Well Site #2

1) Refer to stipulation 1 for well #1.

2) Access road will have topsoil stockpiled in a windrow or berm on one side of the road and this soil will be redistributed over the road surface when reclamation work is done.

3) Refer to stipulations 3 through 7 for well #1.

Stipulation For Both Locations

1) The BLM Area Manager in Hanksville, Utah, will be notified 72 hours in advance of any surface disturbing activities.

2) The BLM Area Manager will be notified upon completion of drilling activities.

An archaeological survey has been conducted by Powers Elevation Company and archaeological clearance is granted at this time; a copy of the report is enclosed with this letter.

Also, if water is found in either well and if Evergreen Oil decides to abandon the wells, we would like to use them for water developments. Please request Evergreen to leave the wells in a condition such that we could use the wells for water developments.

If this office can be of any further assistance, please feel free to contact us.

Sincerely,

ACTING Larry J. Gearhart

Area Manager

Enclosure

CC: Carl Hunt
P.O. Box 215
Hanksville, Utah 84734

# EVERGREEN OIL CORPORATION

POISON SPRINGS FEDERAL UNIT NO. 1

Poison Springs
SD:

Garfield Co., Utah
PTD: 6,000'

3/13/81 CARTER BARON #9. Location finished. Moving rig from Colorado.

3/21/81 RU rotary tools, rig still not on location.

3/22/81 Raised derrick.

3/23/81 RU rotary, RU flowline, PU bottom hole assembly and mixed spud mud.
TC: $21,378.

3/24/81 CARTER BARON. Drld to 130'. Spudded well @ 8 AM 3/23/81.
Bit #1 (17½") STC in @ 50' SIH made 80'/9-3/4 hrs. Bit wt. 10M, RPM 100. MW: 8.3, Vis: 32, YP: 10, PV: 5, Gels: 6/9, WL: N/C.
BD: 2: RU bottom hole assembly, 3: drld, ½: SR, ¼: drld, ½: rig repair, 5-3/4: drld, 6½: rig repair, 1: TOOH, checked for hole in drill pipe, 4: circ and try to get air out of mud, ½: drld.
TC: $121,693.

3/25/81 CARTER BARON. Drld to 237'. Survey: 100' - ¼°. Bit #1 (17½") STC in @ 50', SIH made 187'/49¼ hrs. Bit wt. 15-20M,RPM 100.
MW: 8.7, Vis: 40, YP: 8, PV: 7, Gels: 12/17, WL: 20. BD: ½: drld, 3/4: survey, 6¼: drld, ½: SR, 5: drld, ½: rig repair, 1: drld, 1: survey

3/25/81 Cont.....and connect, 6½: drld, 1½: rig repair, ½: drld.
TC: $137,696.

3/26/81 CARTER BARON. Drld to 346'. Survey: 257' - ¼°, 344' - 3/4°.
Bit #1 (17½") STC in @ 0 out @ 346' made 346'/9½ hrs. Bit wt. 10-25M, RPM 90-100. MW: 9.2, Vis: 40, YP: 7, PV: 21, Gels: 24/42, WL: 17. BD: 2½: drld, ½: survey, ½: SR, 2-3/4: drld, ½: survey, 4½: drld, 1½: condition hole, 2: TOH and LD stabilizer, 1½: RU csg tools, 2: run 13-3/8" casing to 285' and hit bridge, ½: attempted to wash casing down, would not go, 1½: TOH w/casing, ½: RD casing equipment, 2½: TIH to recondition mud in hole, 1: circ and condition.
TC: $150,680.

3/27/81 CARTER BARON. Depth: 346', made 0 footage. Bit #1 (17½") STC in @ 0 out @ 346' made 346'/38-3/4 hrs. Bit wt. 10-25M, RPM 90.
MW: 9.2, Vis: 40, YP: 7, PV: 21, Gels: 24/42, WL: 16. BD: 3: circulate and condition hole, 3½: trip, 9½: Ran 13-3/8" casing, worked trying to get to bottom, could not. Set 6 jts of 48#, J-55, LTC 13-3/8" casing, set @ 295', cemented with 395 sxs Cl "G" w/2% CaCl, ¼# Celloflake. Good returns throughout job. PD @ 10 PM, bumped plug w/1000# 3/26/81. Ran guideshoe, float collar and 3 centralizers, 8: WOC.
TC: $176,262.

3/29/81 CARTER BARON. Drld to 360' made 14'. Bit #2 (12¼") STC in @ 295' SIH made 65'. MW: 8.7, Vis: 45, YP: 7, PV: 8, Gels: 7/9, WL: 9. BD: 1½: drld formation 1½: PU bottom hole assembly and TIH, 6½: drld cement and shoe, 15½: NU BOP and test.
TC: $199,000.

3/30/81 CARTER BARON. Drld to 614' made 254'. Survey: 490' - 3/4°, 520' - ½°, 590' - ½°. Bit # 2 (12¼") STC, made 295'. MW: 8.7, Vis: 34, YP: 8, PV: 6, Gels: 11/16, WL: 11. BD: 13½: drld, 5: trip and change bottom hole assembly, 1½: rig repair, 4: survey.
TC: $215,629.

POISON SPRINGS FEDERAL UNIT #1

Poison Springs — Garfield Co., Utah

SD: 3/23/81 — PTD: 6,000'

4/1/81 CARTER BARON. Drld to 1524' in sand and shale. Survey: 1003' - 3/4°, 1232' - ½° 1448' - 3/4°. Bit #2 (12¼") STC in @ 295' SIH made 1229'/55½ hrs. Bit wt. 30M, RPM 55. MW: 8.8, Vis: 48, YP: 15, PV: 15, Gels: 7/6, WL: 6. BD: 22¼: drld, 1-3/4: survey.
TC: $237,439.

4/2/81 CARTER BARON. Drld to 1664' in lime and shale. Survey: 1571' - 1°, 1635' - 1½°. Bit #2 (12¼") STC in @ 295 SIH made 1369'/69-3/4 hrs. Bit wt. 15-25M, Rpm 55. MW: 8.9, Vis: 39, YP: 9, PV: 13, Gels: 4/2, WL: 6. BD: 14-3/4: drld, 7-3/4: trip to change bottom hole assembly, 1½: survey.
TC: $253,986.

4/3/81 CARTER BARON. Drld to 1861 in shale. Survey: 1690' - 3/4°, 1751' - ½°, 1845' - ¼°. Bit #2 (12¼") STC in @ 295' SIH made 1566'/91½ hrs. Bit wt. 15-30M, RPM 55. MW: 8.8, Vis: 34, YP: 5, PV: 9, Gels: 3/5, WL: 8. BD: 21-3/4: drld, ½: trip, 1-3/4: survey.
TC: $265,586.

4/4/81 CARTER BARON. Drld to 2073' in shale and lime. Survey: 1907' - 3/4°, 2031' - ¼°. Bit #2 (12¼") STC in @ 295 SIH made 1778'/112 hrs. Bit wt. 20-35M, RPM 60. MW: 8.9, Vis: 39, YP: 7, PC: 11, Gels: 4/8, WL: 7. BD: 20½: drld, 2¼: short trip, 1¼: survey.
TC: $277,186.

4/5/81 CARTER BARON. Drld to 2276' in sand, shale, and gypsum. Survey: 2154' - ½°, 2205' - ½°. Bit #2 (12¼") STC in @ 295, SIH made 1981'/134-3/4 hrs. Bit wt. 35M, RPM 60. MW: 8.9, Vis: 36, YP: 5, PV: 9, Gels: 3/6, WL: 6. BD: 22-3/4: drld, ¼: SR, 1: survey.
TC: $289,586.

4/6/81 CARTER BARON. Drld to 2430' in sand. Survey: 2339' - ¼°. Bit #2 (12¼") STC in @ 295', SIH made 2135'/148½ hrs. Bit wt. 35M, RPM 60. MW: 8.8, Vis: 45 YP: 11, PV: 11, Gels: 5/9, WL: 7. BD: 13-3/4: drld, 2: circulate and cond. hole to run casing, 7-3/4: trip, ½: survey.
TC: $302,011.

4/7/81 CARTER BARON. Depth: 2,432'. MW: 8.8, Vis: 55, YP: 11, PV: 11, Gels: 5/9, WL: 7. BD: 1: TIH, 2¼: cut drilling line, 2¼: fin. trip, 3: circ., 2½: POOH, 1½: RU to run csg, 2: ran 2432' 9-5/8" 36#, K-55 STC csg, 1: RU to cmt, ½: circ, 2: cmt w/790 sxs lite, tail in w/200 sxs Cl "G". PD @ 12:30 AM 4/7/81. Float held, had good circ., 5½: WOC.
TC: $343,595

4/8/81 CARTER BARON. Depth: 2432'. Bit #3 (7-7/8") STC in @ 2432'. BD: 2½: WOC, 11½: cut off, change spools and NU air head, 4: test BOP to 2500#, 4½: lay Blooie line, 1½: GIH w/bit.
TC: $354,540.

4/9/81 CARTER BARON. Depth: 2,432'. Bit #3 (7-7/8") STC in @ 2,432'. MW: 8.9, Vis: 50, YP: 50, PV: 14, Gels: 7/14, WL: 6. BD: 2½: GIH, RU rotary head, 2½: try to unload hole, Kelly cock closed, 2: POOH 10 stds, unload hole, GIH, unload hole, 4: drld float, cement, guideshoe, and 2' of formation. Water flowed, 1½: circ. water w/air @ 625#, 2: POOH, 5: ND rotating head, RU flowline, 2½: GIH, 2: broke circ., lost circ., mixed LCM pill (now have returns).
TC: $367,675.

POISON SPRINGS FEDERAL UNIT #1

Poison Springs
SD: 3/23/81

Garfield Co., Utah
PTD: 6,000'

---

4/10/81 CARTER BARON. Drld to 2621' (187') in sand. Survey: 2527' - 2½°, 2,559' - 1½°. Bit #3 (7-7/8") STC in @ 2434' made 187'/22½ hrs. Bit wt. 10-30M, RPM 55. MW: 8.5, Vis: 50, YP: 11, PV: 26, Gels: 19/34, WL: 8. BD: 2½: drld, ½: check BOP, 8¼: drld, 3/4: survey, 8¼: drld, ½: survey, 3-3/4: drld.
TC: $387,470.

4/11/81 CARTER BARON. Drld to 2811' (190') in sand. Survey: 2651 - 2¼°, 2680' - 1-3/4°, 2744' - 1½°. Bit #3 (7-7/8") STC in @ 2432, SIH made 379'/44½ hrs. Bit wt. 15-20M, Rpm 60. MW: 8.7, Vis: 45, YP: 17, PV: 12, Gels: 9/19, WL: 7. BD: 22: drld, 2: survey.
TC: $404,865.

4/12/81 CARTER BARON. Drld to 2975' (164') in sand. Survey: 2795' - 1½°, 2929' - 2°. Bit #3 (7-7/8") STC in @ 2432, out @ 2888' made 454'/52¼ hrs, Bit #4 (7-7/8") Reed, in @ 2888', SIH made 87'/9 hrs. Bit Wt. 15-20M, Rpm 75. MW: 8.9, Vis: 41, YP: 14, PV: 20, Gels: 10/20, WL: 10. BD: 16-3/4: drld, 1½: reamed from 2808-2888', 4½: trip for bit, ½: SR, 1: survey.
TC: $424,654.

4/13/81 CARTER BARON. Drld to 3168' (193') in sand. Survey: 2990' - 2°, 3053' - 1-3/4°, 3115' - 2°. Bit #4 (7-7/8") Reed in @ 2888, SIH made 280'/31¼ hrs. Bit wt. 20M, Rpm 75. MW: 8.7, Vis:45, YP: 16, PV: 23, Gels: 9/24, WL: 6. BD: 22¼: drld, ¼: SR, 1½: survey.
TC: $438,495.

4/14/81 CARTER BARON. Drld to 3298' (130') in sand, shale, and gypsum. Bit #4 (7-7/8") Reed in @ 2888' out @ 3298', made 410'/53¼ hrs. Bit wt. 18-20M, Rpm 60. MW: 8.8, Vis: 47, YP: 26, PV: 21, Gels: 10/20, WL: 10.5. BD: 22: drld, 3/4: circ, ¼: SR, 1: survey.
TC: $451,010.

4/15/81 CARTER BARON. Drld to 3304' (6') in sandstone. Bit #5 (7-7/8") Sec. in @ 3298, SIH made 6'/1 hrs. Bit wt. 20M, Rpm 60. MW: 8.8, Vis: 45 YP: 21, PV: 22, Gels: 10/22, WL: 10.5. BD: 1: drld, 3½: trip, PU 3 IBS stabilizers, ¼: SR, 1: rig repair on torque gauge, 18¼: reamed from 2490-3298'.
TC: $473,274.

4/16/81 CARTER BARON. Drld to 3506' (202') in sandstone. Survey: 3363 - 2-3/4°, 3435' - 3°. Bit #5 (7-7/8") Sec. in @ 3298', SIH made 206'/23¼ hrs. Bit wt. 10-20M, Rpm 60. MW: 8.8, Vis: 47, YP: 20, PV: 22, Gels: 14/27, WL: 10.5. BD: 22¼: drld, ¼: SR, 1½: survey.
TC: $487,236.

4/17/81 CARTER BARON. Drld to 3658' (152') in sandstone. Surveys: 3486' - 3°, 3548' - 4¼°, 3620' - 2°. Bit #5 (7-7/8") Sec. in @ 3298' SIH, made 360'/45 hrs. Bit wt. 10M, Rpm 60. BD: 21-3/4: drld, ¼: trip, ¼: SR, 1-3/4: survey.
TC: $504,672.00

POISON SPRINGS FEDERAL UNIT NO. 1

Poison Springs
SD: 3/23/81

Garfield Co., Utah
PTD: 6,000'

4/18/81 CARTER BARON. Drld to 3770' (112') in sandstone. Surveys: 3706 - 3¼°, 3768 - 3¼°. Bit #6 (7-7/8") Sec. in @ 3658' SIH made 112'/17¼hrs. Bit wt. 10M, Rpm 60. MW: 8.8, Vis: 45, YP: 18, PV: 17, Gels: 9/19, WL: 11. BD: 17¼: drld, 5: trip, ¼: SR, ¼: rig repair, 1¼: survey.
TC: $525,750.

4/19/81 CARTER BARON. Drld to 3990' (230') in sandstone and shale. Survey: 3798' - 2-3/4°, 3891' - 2-3/4°, 3952' - 2½°. Bit #6 (7-7/8") Sec. in @ 3658', SIH made 342'/39¼ hrs. Bit wt. 25M, Rpm 60. MW: 8.7, Vis: 42, YP: 14, PV: 21, Gels: 16/27, WL: 10.5. BD: 22: drld, 2: survey.
TC: $536,897.

4/20/81 CARTER BARON. Drld to 4112' (122') in sand and shale. Survey: 4014' - 2¼°. Bit #6 (7-7/8") Sec. in @ 3658, Out @ 4084' made 426'/49-3/4 hrs. Bit Wt. 35M, Rpm 57. Bit #7 (7-7/8") Sec. in @ 4084' SIH made 28'/5 hrs. Bit wt. 35M, Rpm 57. MW: 8.9, Vis: 38, YP: 8, PV: 13, Gels: 4/9, WL: 11. BD: 15½: drld, 1: ream 4034-4084', 6½: trip, ½: SR, ½: survey.
TC: $552,792.

4/21/81 CARTER BARON. Drld to 4287' (175') in sandstone. Survey: 4105'-2°, 4228'-1-3/4°. Bit #7 (7-7/8") Sec. in @ 4084' SIH made 203'/27¼ hrs. Bit wt. 36M, Rpm 57. MW: 8.9, Vis: 44, YP: 10, PV: 24, Gels: 10/18, WL: 5. BD: 22¼: drld, ½: SR, 1¼: survey.
TC: $565,907.00

4/22/81 CARTER BARON. Drld to 4429' (142') in lime, dolomite, and shale. Bit #7 (7-7/8") Sec. in @ 4084' SIH made 345'/40-3/4 hrs. Bit wt. 36M, Rpm 57. MW: 8.8, Vis: 42 YP: 10, PV: 23, Gels: 10/18, WL: 5. BD: 23½: drld, ½: SR.
TC: $584,124.

4/24/81 CARTER BARON. Drld to 4752' (183') in lime, dolomite, and chert. Bit #8 (7-7/8") Sec. in @ 4438' made 314'/39' hrs. Bit wt. 36M, Rpm 57. MW: 8.7, Vis: 40, YP: 3, PV: 15, Gels: 8/13, WL: 6. BD: 23½: drld, ½: SR.
TC: $616,399.

4/25/81 CARTER BARON. Drld to 4872' (120') in lime and dolomite. Survey: 4844' - ¼°. Bit #8 (7-7/8") Sec. in @ 4438, out @ 4844' made 406'/50-3/4 hrs. Bit #9 (7-7/8") Sec. in @ 4844, SIH made 28'/6 hrs. MW: 8.7, Vis: 38, YP: 9, PV: 13, Gels: 2/10, WL: 5. BD: 17¼ drld, 5¼: trip, ½: SR, ½: repair rig, ½: survey.
TC: $632,868.

4/26/81 CARTER BARON. Drld to 5010' (138') in lime and dolomite. Bit #9 (7-7/8") Sec. in @ 4844', SIH made 166'/29' hrs. Bit wt. 36M, Rpm 57. MW: 8.8, Vis: 38, YP: 6, PV: 13, Gels: 2/8, WL: 5.8. BD: 23½: drld, ½: SR.
TC: $645,252.

4/27/81 CARTER BARON. Drld to 5,156' (146') in shale, sand, lime, anhydrite, and dolomite. Bit #9 (7-7/8") Sec. in @ 4844, SIH, made 312'/53¼ hrs. Bit wt. 36M, Rpm 57. MW: 8.6, Vis: 42, YP: 5, PV: 17, Gels: 4/10, WL: 8. BD: 23-3/4: drld, ¼: SR.
TC: $656,402.

/28/81 CARTER BARON. Drld to 5268' (112') in sand. Survey 5206' - 0°. Bit #9 (7-7/8") Sec. in @ 4844 out @ 5206' made 362'/60-3/4 hrs. Bit wt. 36M, Rpm 57. Bit #10 (7-7/8") Sec. in @ 5206' made 62'/6 hrs. Bit wt. 36M, Rpm 57. MW: 8.6, WL: 8. BD: 16½: drld, 1: reaming from 4156-5206', 6: trip, ½: SR.
TC: $674,375.

OISON SPRINGS FEDERAL UNIT NO. 1

Poison Springs — Garfield, Co. Utah
SD: 3/23/81 — PTD: 6,000'

/29/81 CARTER BARON. Drld to 5456' (188') in lime, dolomite, shale, & anhydrite. Bit # 10 (7-7/8") Sec. in @ 5206', SIH made 250'/29¼ hrs. Bit wt. 36, Rpm 60. MW: 8.7, Vis: 40, YP: 5, PV: 13, Gels: 3/11, WL: 8. BD: 23¼: drld, 3/4: lost circulation @ 5274', lost 300 Bbls mud, regained full circulation.
TC: $684,442.00

4/30/81 CARTER BARON. Drld to 5658' (202') in limestone, & shale with a trace of chert, and dolomite. Bit #10 (7-7/8") in @ 5206', out @ 5658' made 452'/54¼ hrs. Bit wt. 36M, Rpm 60. MW: 8.6, Vis: 40, YP: 5, PV: 12, Gels: 4/12, WL: 7. BD: 22: drld, ½: WOO and circ, 1: drld out, ½: SR.
TC: $696,596.

5/01/81 CARTER BARON. Drld to 5803' (145') in shale and lime. Survey: 5658' - 3/4°. Bit #11 (7-7/8") Sec. in @ 5658, SIH made 145'/19 hrs. Bit wt. 36M, Rpm 60. MW: 8.7, Vis: 40, YP: 7, PV: 11, Gels: 5/20, WL: 7. BD: 19: drld, 4½: trip, ½: SR.
TC: $709,654.

5/2/81 CARTER BARON. Drld to 6,004' (204') in lime and shale. Bit #11 (7-7/8") Sec. in @ 5658', SIH made 346'/42 hrs. Bit wt. 36M, Rpm 60. MW: 8.7, Vis: 40, YP: 6, PV: 11, Gels: 8/16, WL: 9. BD: 23½: drld, ½: SR.
TC: $734,474.

5/3/81 CARTER BARON. Drld to 6,150' (146') in dolomite. Survey: 6096' - ½°. Bit #11 (7-7/8") Sec. in @ 5658', out @ 6096', made 438'/49 hrs. Bit wt. 36, Rpm 60. Bit #12 (7-7/8") Sec. in @ 6096', SIH made 54'/3½ hrs. Bit wt. 36M, Rpm 60. MW: 8.6, Vis: 46, YP: 18, PV: 14, Gels: 9/22, WL: 7. BD: 10½: drld, 4: circulate and condition mud, 8¼: trip, ½: SR, 3/4: mix LCM material.
TC: $746,805.

5/4/81 CARTER BARON. Depth - 6,150'. MW: 8.6, Vis: 42, YP: 18, PV: 14, Gels: 9/10, WL: 7. BD: 2½: TOH, 3/4: WO Schlumberger, 3/4: log, 2½: TIH w/49 stands, 1½: circ, ¼: TIH w/ 4 stands, 1: circ, ¼: TIH w/4 stands, 1¼: circ, ¼: TIH w/2 stands, 3: circ.
TC: $777,813.

5/5/81 CARTER BARON. Depth: 6,150'. Bit #12 (7-7/8") Sec. MW: 8.5, Vis: 44, YP: 14, PV: 11, Gels: 6/16, WL:8. BD: 7¼: Circ. for DST and WO tester, 3¼: TOH, 2½: PU test tools, 3½: TIH to 4320 and lost mud, 3: TOH, 2½: BD test tools, ¼: check BOP, 1-3/4: TIH w/bit.
TC: $790,718.

5/6/81 CARTER BARON. Depth: 6,150'. Bit #12 (7-7/8") Sec, in @ 6150', out @ 6150'. MW: 8.5, Vis: 49, WL: 8. BD: 4½: Circ and cond mud, 7-3/4: trip, 12: DST #2.
TC: $800,594.

DST #1: Mis-run
DST #2: Set pkrs @ 5570' and 5670'. Tool open @ 10:30 PM for ½ hr, had 3/8" blow. Shut tool in for 1 hr. Opened tool for 2½ hrs, had 2" blow of water. SI for 4¼ hours and pulled packers loose @ 6:45 AM this morning. Waiting to hear results of recovery.

POISON SPRINGS FEDERAL UNIT NO. 1

Poison Springs
SD: 3/23/81

Garfield Co., Utah
TD: 6,150'

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5/7/81 CARTER BARON. Depth - 6,150'. Bit #12 (7-7/8") Sec. in @ 6,150'. MW: 8.5, Vis: 52, YP: 14, PV: 13, Gels: 7/10, WL: 10.5. BD: 20½:trips, 2½: circulate and condition, 1: DST#3: 4770-4890'.
TC: $808,785.

Results of DST #2: 5570-5670' - Recovered 634' of salt water. Chlorides 9000 PPM (mud chlorides 1500 PPM). No shows. Pressure gauge @ 5596' had the following readings: IHP 2734#, IFP 66#, FFP 106#, ISIP 1714#, IFP 133#, FFP 318#, FSIP 1688#, FHP 2800#.

5/8/81 CARTER BARON. TD: 6,150'. Bit #12 (7-7/8") Sec. in @ 6150'. MW: 8.5, Vis: 47, YP: 13, PV: 14, Gels: 9/19, WL: 8. BD: 12: trips, 2½: circ and condition hole, 9½: DST.
TC: $824,548.

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5/9/81 CARTER BARON. TD: 6,150'. Bit #12 (7-7/8") Sec. in @ 6150'. MW: 8.5, Vis: 44, YP: 13, PV: 14, Gels: 9/19, WL: 8. BD: 6-3/4: DST #4, 12¼: trip and PU test tools 3: circ and cond hole, 2 WO tester. TC: $839,560.

DST #4: 4733-4853'
Opened tool at 5 A.M. Dallas time. ½ hr flow w/3" blow in 10 min, 5" blow in 30 min. SI for 1 hr buildup.
2nd flow - opened tool with weak blow, 2¼" in 20 min, 2½" in 25 min. Stabilized for 30 minutes then blow decreased to 1" at the end of 1 hour. Surface flow increased to 2¼" after a total of 90 minutes flow then died to almost no blow in 130 min. Tool was shut-in for a five hour build-up. Recovery from tool was 123' mud and 433' of salt water. Sample chamber contained 2,000 cc of salt water. RW - 0.14 @ 65°F. Mud pit 1.5 @ 75°F.
BHP data @ 4738': IHP 2258 psi, 1st IF-52#, 1st FF-116#, 1st SIP-2010#, 2nd IF-116#, 2nd FF-252#, 2nd SIP-1831#, FHP-2216#. Tools recovered @ 12:45 P.M. Ran bit and drill collars then circulated hole for 2 hours. POOH. Preparing to run DST #5.

5/10/81 CARTER BARON. TD: 6,150'. BD: 16½: trips, 2½: circ and cond hole, 5: DST #5.
TC: $850,986.

DST #5: 6070-6150'
Ran DST tools and set packers @ 6070'. Tool opened @ 11:00 A.M. Blow to bottom of bucket in 1 minute, surface pressure to 2½ psi after 30 mins. Closed tool for 1 hour BHP build-up. Surface pressure bled down in 5-minutes after choke released. Tool opened for 2nd flow with ½" blow then to bottom of bucket in 1 minute. Pressure to 1-3/4 psi after 30 minutes then stabilized to shut in. Shut in for 5 hour build-up. Tool was recovered with 462' of salt water cut mud and 3,199' salt water with sulphur smell. Last 16 stands indicated small amount of $CO_2$. RW = 0.4 @ 59°F Mud pit sample 1.3 @ 100°F.
BHP data @ 6047': IHP - 2944psi, 1st IFP-181#, 1st FF-927#, 1st SIP-2108#, 2nd IFP-1000#, 2nd FFP-1692#, 2nd SIP-2108#.

Preparing to plug and abandon

5/11/81 CARTER BARON: Plugging well. BD: 17½: trip and LDDP, 1: circ and cond mud, 4: plug well, ¼: SR, 1¼: clean pits and ND BOP.
TC: $862,697.
Set Plug #1 @ 5950' with 43 sxs 50/50 poz w/2% gel
Set plug #2 @ 2470' with 13 sxs 50/50 poz w/2% gel
Tagged casing shoe w/cement.

P & A

POISON SPRINGS FEDERAL UNIT NO. 1

Poison Springs
SD: 3/23/81

Garfield Co., Utah
TD: 6,150'

---

5/12/81 CARTER BARON. TD: 6,150'. Plugging operations complete. BD: 2: clean mud pits and ND BOPE, 12: RDRT. RELEASED RIG @ 8 A.M. 5/11/81.
TC: $874,222.

5/13/81 CARTER BARON. Set 20 sx cement plug at top of surface casing. Moving out rig. FINAL REPORT.
TC: $878,147

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

# 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 P & A

2. NAME OF OPERATOR: Evergreen Oil Corporation

3. ADDRESS OF OPERATOR: 717 N. Harwood, Suite 1100 Dallas, Texas 75201

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

At surface: 1419' FSL & 660' FEL (NE SE)

At top prod. interval reported below: N/A

At total depth: 6150' - BHL within 116' of surface loc.

14. PERMIT NO. | DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.: U-16861

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

7. UNIT AGREEMENT NAME: Poison Springs Unit

8. FARM OR LEASE NAME: Poison Springs Unit

9. WELL NO.: #1 USA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 24-T31S-R12E

12. COUNTY OR PARISH: Garfield

13. STATE: Utah

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 3/23/81 | 5/3/81 | N/A | 5137 GR | 5137 |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 6150 | N/A | N/A | → | All intervals | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: N/A

25. WAS DIRECTIONAL SURVEY MADE: Yes-inclination surveys

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-SP-Sonic-CNL-FDC-DIL. Mud log

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# | 295 | 17½ | 395 sxs Cl "G" | none |
| 9-5/8" | 36#/ft | 2432 | 12¼ | 990 sxs Cl "G" | none |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|---|---|---|---|---|
| N/A | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| N/A | | |

31. PERFORATION RECORD (*Interval, size and number*): N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| N/A | |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*) |
|---|---|---|
| N/A | | |

| 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.*): N/A

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS

* Record of hole inclination, mud log, GR-SP-Sonic-CNL-FDC-DIL & DST 1,2,3,4, & 5

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

SIGNED [signature] TITLE Engineering Manager DATE 5-28-81

*(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, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---|---|---|---|
| Barker Creek | 5570 | 5670 | DST #2 - recovered 634' of mud cut by salt water and saltwater. No cushion. 1st flow - ½ hr. |
| Ismay | 4733 | 4853 | DST #4 - recovered 556' of fluid: 123' mud and 433' of salt water. No cushion. 1st flow ½ hr - 116 psi, 1st SIP - 2016 at 1 hour, 2nd flow 2½ hrs - 252 psi & 2nd SIP 1831 psi at 5 hrs. |
| Mississippian | 6070 | 6150 | DST #5 - recovered 3661' of fluid: 462' of mud cut by salt water and 3199' of salt water. No cushion. 1st flow ½ hr 927 psi, 1st SIP 2108 psi after 1 hr, 2nd flow of 2½ hrs - 1000 psi and 5 hr shut in of 2108 psi. |
| | | | NOTE: DST #1 and #2 were aborted due to mechanical problems. |

**38. GEOLOGIC MARKERS**

| NAME | TOP MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|---|---|---|
| Mississippian | 5875 | |
| Molas | 5832 | |
| Akah | 5065 | |
| Desert Creek | 4968 | |
| Base of Ismay | 4890 | |
| Ismay | 4710 | |
| Hermosa | 4050 | |
| Cedar Mesa | 2715 | |
| Organ Rock | 2525 | |

KH 7 KH 7
Russ [illegible]
DL [illegible] 5/19

Roberta — send partners copies even though test was unsuccessful [illegible]

# JOHNSTON-MACCO

# Schlumberger

# technical report

Field Report # 28294 D

COMPANY Evergreen Oil Corporation WELL Poison Springs #1 TEST NO. 1 COUNTY Garfield STATE Utah

## WELL IDENTIFICATION

| | | | |
|---|---|---|---|
| COMPANY: | EVERGREEN OIL CORPORATION<br>DIAMOND SHAMROCK BLDG., SUITE 11ØØ<br>717 N. HARWOOD | | DALLAS, TX 752Ø1 |
| WELL: | POISON SPRINGS #1 | LOCATION: | - |
| TEST INTERVAL: | - (UNSUCCESSFUL) | FIELD: | WILD CAT |
| TEST NO: | 1 | TEST DATE: | 5-5-81 |
| COUNTY: | GARFIELD | STATE: | UTAH |
| TECHNICIAN: | SIRONEN (ROCK SPRINGS) | TEST APPROVED BY: | MR. BUD BORDEN |

## EQUIPMENT AND HOLE DATA

| | | | | | |
|---|---|---|---|---|---|
| TEST TYPE: | M.F.E. SELECTIVE ZONE STRADDLE<br>OPEN HOLE | | DRILL PIPE LENGTH: | - | FT. |
| | | | DRILL PIPE I.D.: | - | IN. |
| ELEVATION: | - | FT. | DRILL COLLAR LENGTH: | - | FT. |
| TOTAL DEPTH: | - | FT. | DRILL COLLAR I.D.: | - | IN. |
| MAIN HOLE/CASING SIZE: | - | IN. | PACKER DEPTHS: | - & - | FT. |
| RAT HOLE/LINER SIZE: | - | IN. | | & | FT. |
| FORMATION TESTED: | - | | | & | FT. |
| NET PROD. INTERVAL: | - | FT. | DEPTHS REF. TO: | - | |
| POROSITY: | - | % | | | |

## TEST TOOL CHAMBER DATA

| | | |
|---|---|---|
| SAMPLER PRESSURE: | - | PSIG |
| RECOVERED OIL GRAVITY: | API @ | DEG. F. |
| RECOVERY GOR: | | FT3/BBL. |

### SAMPLE CHAMBER CONTENTS

| FLUID | VOLUME | RESIST. (OHM-M) | MEAS. TEMP. (DEG F.) | CHLOR. (PPM) |
|---|---|---|---|---|
| GAS: | - FT.3 | | | |
| OIL: | - CC | | | |
| WATER: | CC | | | |
| MUD: | CC | | | |
| FILTRATE: | | | | |
| TOTAL LIQUID: | - CC | | | |

## MUD DATA

| | | | |
|---|---|---|---|
| TYPE: | - | | |
| WEIGHT: | - | LB/GAL. | |
| VISCOSITY: | - | SEC. | |
| WATER LOSS: | | CC | |
| FLUID | RESIST (OHM-M) | TEMP (DEG F) | CHLOR (PPM) |
| MUD: | | | |
| FILTRATE: | | | |

## REMARKS

UNSUCCESSFUL TEST; HIT BRIDGE, COULD NOT GET TO BOTTOM.

NO. OF REPORTS REQUESTED: 5

FIELD REPORT NO. 28294D

## SURFACE INFORMATION

| DESCRIPTION(RATE OF FLOW) | TIME | PRESSURE PSIG | SURFACE CHOKE |
|---|---|---|---|
| - | - | - | - |

| CUSHION TYPE: - | - FT | - PSIG | 15/16 IN. BOTTOM CHOKE |
|---|---|---|---|

## RECOVERY INFORMATION

| RECOVERY | FEET | BARRELS | %OIL | %WATER | %OTHERS | API GRAV. | DEG. | RESIST | DEG. | CHL PPM |
|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | | | | | | | | |

FIELD REPORT NO. 28294D

FIELD REPORT NO.: 28294 D

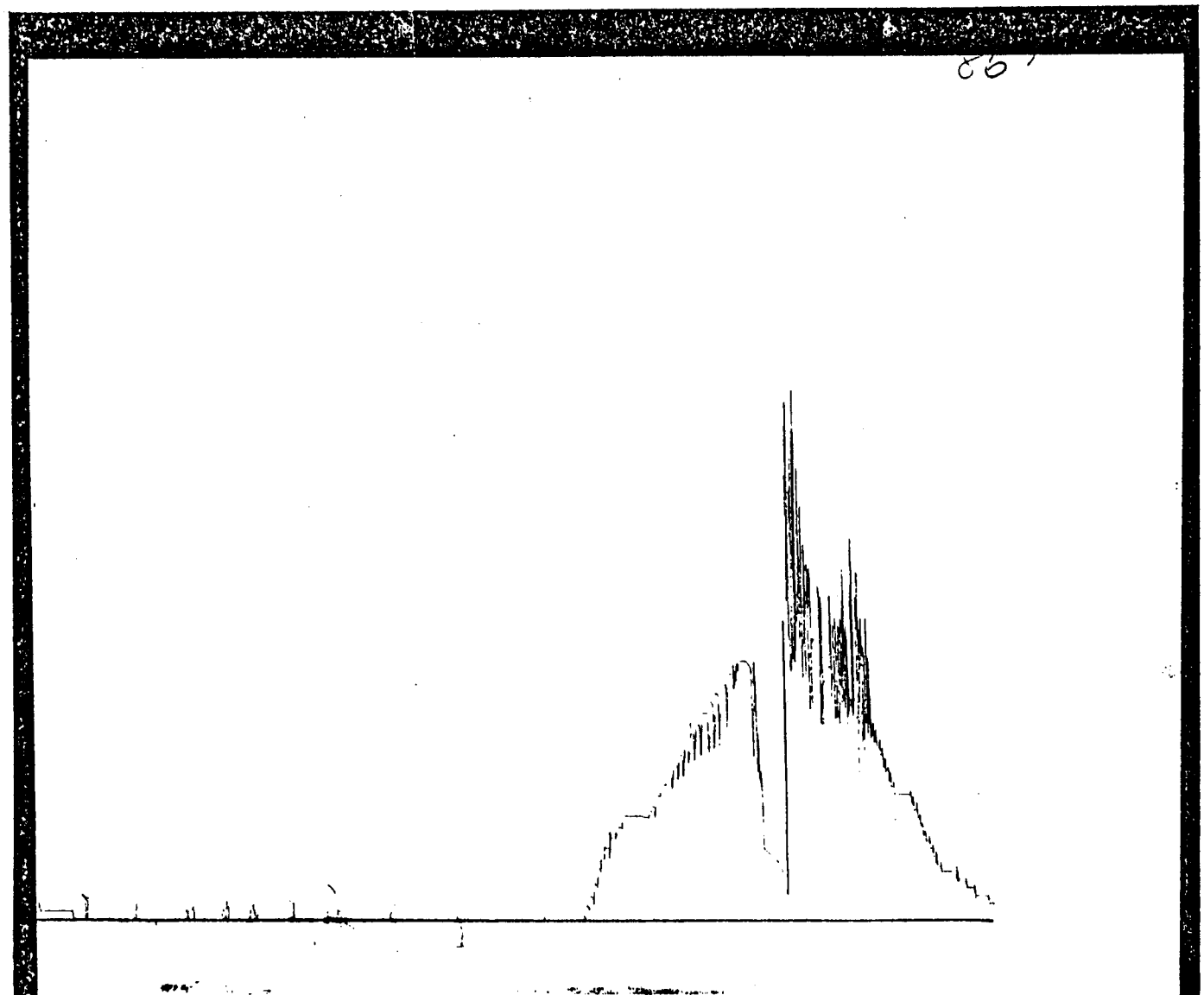
CAPACITY: 4700#

INSTRUMENT NO.: J-869

NUMBER OF REPORTS: 5

JOHNSTON Schlumberger

Unsuccessful Test



JS-167

FIELD REPORT NO.: 28294 D

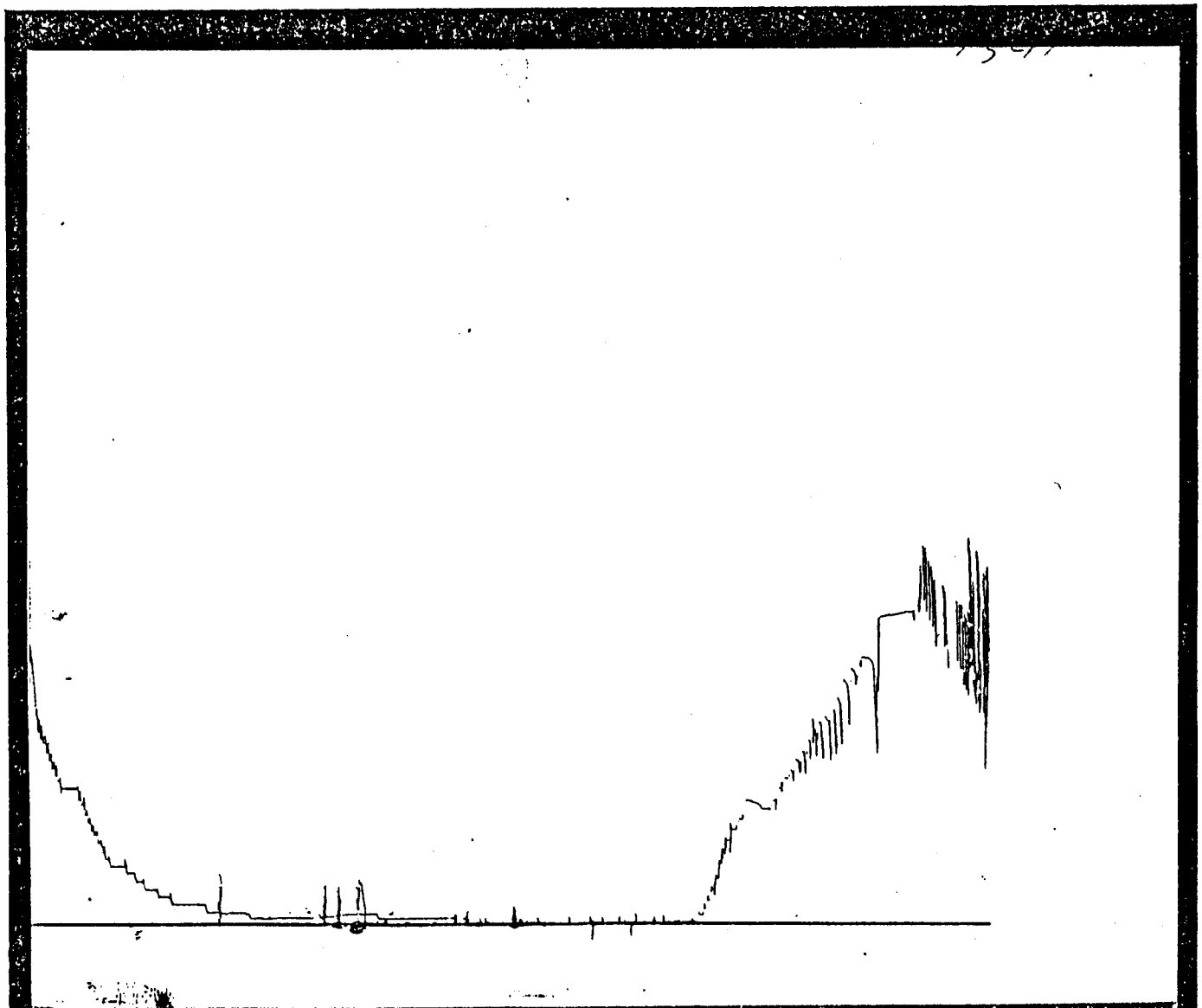
CAPACITY: 4700#

INSTRUMENT NO.: J-1341

NUMBER OF REPORTS: 5

JOHNSTON Schlumberger

Unsuccessful test. Below straddle.



JS-167

## FLUID SAMPLE DATA

Sampler Pressure 10 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas .03
cc. Oil
cc. Water 1950
cc. Mud 400
Tot. Liquid cc. 2350
Gravity ____ ° API @ ____ °F.
Gas/Oil Ratio ____ cu. ft./bbl.

| | RESISTIVITY | | | CHLORIDE CONTENT |
|---|---|---|---|---|
| Recovery Water | .33 | @ 55 | °F. | 25,000 ppm |
| Recovery Mud | | @ | °F. | ppm |
| Recovery Mud Filtrate | | @ | °F. | ppm |
| Mud Pit Sample | .25 | @ 100 | °F. | 1500 ppm |
| Mud Pit Sample Filtrate | | @ | °F. | ppm |

Mud Weight 8.5 vis 49 sec.

Date 5-5-81 Ticket Number 837193
Kind of D.S.T. OFF BOTTOM STRADDLE Halliburton Location VERNAL
Tester K. STEWART R. RIPPLE Witness RUSS HENSLEY
Drilling Contractor BARON DRILLING # 9 DR

## EQUIPMENT & HOLE DATA

Formation Tested Barker Creek
Elevation 5157' KB Ft.
Net Productive Interval 15' Est. Ft.
All Depths Measured From Kelly Bushing
Total Depth 6150' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 591' I.D. 2 3/4"
Drill Pipe Length 4940' I.D. 3.826"
Packer Depth(s) 5562'- 5570' - 5670' Ft.
Depth Tester Valve 5544' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choke 1/8" Bottom Choke .75"

Recovered 634 Feet of salt water cut rat hole mud
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks See production test data sheet

| TEMPERATURE | Gauge No. 490 Depth: 5546 Ft. | | Gauge No. 198 Depth: 5596 Ft. | | Gauge No. 76 Depth: 5684 Ft. | | TIME (00:00-24:00 hrs.) | |
|---|---|---|---|---|---|---|---|---|
| | 24 Hour Clock | | 24 Hour Clock | | 24 Hour Clock | | Tool Opened 2150 | |
| Est. °F. | Blanked Off No | | Blanked Off Yes | | Blanked Off Yes | | Opened Bypass 0650 | |
| Actual 104 °F. | Pressures | | Pressures | | Pressures | | Reported Minutes | Computed Minutes |
| | Field | Office | Field | Office | Field | Office | | |
| Initial Hydrostatic | 2669 | 2648.7 | 2734.2 | 2671.9 | 2832.5 | 2691.3 | — | — |
| First Period Flow Initial | 13.5 | 13.4 | 66.4 | 47.7 | | | | |
| First Period Flow Final | 80.5 | 73.7 | 106.2 | 99.4 | | | 30 | 30 |
| First Period Closed in | 1678.7 | 1674.6 | 1714.3 | 1698.4 | | | 60 | 59 |
| Second Period Flow Initial | 80.5 | 79.0 | 132.7 | 104.7 | HYDROSTATIC | | — | — |
| Second Period Flow Final | 295 | 281.5 | 318.4 | 303.7 | RELEASE: | 2568.4 | 150 | 149 |
| Second Period Closed in | 1652 | 1639.9 | 1687.9 | 1661.3 | | | 300 | 302 |
| Third Period Flow Initial | | | | | | | — | — |
| Third Period Flow Final | | | | | | | | |
| Third Period Closed in | | | | | | | | |
| Final Hydrostatic | 2695.8 | 2628.6 | 2800.3 | 2650.7 | 2888.3 | 2695.5 | — | — |

Legal Location Sec. - Twp. - Rng. 24-31S-12E
Lease Name POISON SPRINGS
Well No. 1
Test No. 2
Tested Interval 5670-5570'
Field Area WILDCAT
County GARFIELD
State UTAH
Lease Owner/Company Name EVERGREEN OIL CORPORATION

FORM 181-R2 – PRINTED IN U.S.A.

# FORMATION TEST DATA

LITTLE'S

9

Casing perfs.____ Bottom choke____ Surf. temp.____ °F Ticket No. 837193
Gas gravity____ Oil gravity____ GOR____
Spec. gravity____ Chlorides____ ppm Res.____ @____ °F
**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED**____

| Date Time a.m. p.m. | Choke Size | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks |
|---|---|---|---|---|---|
| 1350 | | | | | On location |
| 1440 | | | | | Picked up tools |
| 1815 | | | | | Started in with test tools |
| 2150 | 1/8" | | | | Opened tool with 1/8" blow |
| 2155 | " | | | | 3/8" blow in water |
| 2200 | " | | | | 1/2" blow in water |
| 2205 | " | | | | " |
| 2210 | " | | | | " |
| 2215 | " | | | | " |
| 2220 | " | | | | 5/8" blow in water |
| 2220 | " | | | | Closed tool |
| 2320 | " | | | | Opened tool with 1/8" blow |
| 2330 | " | | | | 1/8" blow in 12" water |
| 2340 | " | | | | " |
| 2350 | " | | | | " |
| 2400 | " | | | | " |
| 0010 | " | | | | " |
| 0020 | " | | | | " |
| 0030 | " | | | | " |
| 0040 | " | | | | " |
| 0050 | " | | | | " |
| 0100 | " | | | | 3/4" blow in 12" water |
| 0110 | " | | | | 1 1/4"blow in 12" water |
| 0120 | " | | | | 1 1/2"blow in 12" water |
| 0130 | " | | | | 1 3/4"blow in 12" water |
| | | | | | |

FORM 192-R1—PRINTED IN U.S.A.

# PRODUCTION TEST DATA

LITTLE'S

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 837193

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED** _____

| Date Time a.m. p.m. | Choke Size | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks |
|---|---|---|---|---|---|
| 0140 | | | | | 2" blow in 12" water |
| 0150 | | | | | Closed tool |
| 0650 | | | | | Pulled tool loose |
| 0700 | | | | | Pulled out of hole. |
| 1010 | | | | | Drain sampler |
| 1025 | | | | | Remove wash pipe, dress tools, laid |
| 1215 | | | | | down tools, finished with job. |

FORM 182-R1—PRINTED IN U.S.A.

# PRODUCTION TEST DATA

LITTLE'S

| Gauge No. 490 | | | Depth 5546' | | | | Clock No. 4090 | | | 24 hour | Ticket No. 837193 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | First Flow Period | | First Closed In Pressure | | | Second Flow Period | | Second Closed In Pressure | | | Third Flow Period | | Third Closed In Pressure | | |
| | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | $\text{Log}\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | $\text{Log}\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | $\text{Log}\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. |
| 0 | .000 | 13.4 | .000 | | 73.7 | .000 | 79.0 | .000 | | 281.5 | | | | | |
| 1 | .0167 | 25.4 | .0102* | | 1183.0 | .0807 ** | 120.6 | .0740 *** | | 1306.3 | | | | | |
| 2 | .0333 | 34.8 | .0236 | | 1362.0 | .1648 | 159.5 | .1413 | | 1396.5 | | | | | |
| 3 | .0500 | 45.5 | .0371 | | 1450.9 | .2488 | 191.6 | .2086 | | 1450.9 | | | | | |
| 4 | .0667 | 57.6 | .0506 | | 1500.0 | .3329 | 222.5 | .2759 | | 1486.7 | | | | | |
| 5 | .0834 | 67.0 | .0641 | | 1535.9 | .4169 | 253.5 | .3431 | | 1517.2 | | | | | |
| 6 | .1000 | 73.7 | .0776 | | 1563.9 | .5010 | 281.5 | .4104 | | 1539.8 | | | | | |
| 7 | | | .0911 | | 1587.9 | | | .4777 | | 1558.6 | | | | | |
| 8 | | | .1046 | | 1605.3 | | | .5450 | | 1573.3 | | | | | |
| 9 | | | .1180 | | 1619.9 | | | .6123 | | 1586.6 | | | | | |
| 10 | | | .1315 | | 1633.3 | | | .6796 | | 1597.3 | | | | | |
| 11 | | | .1450 | | 1643.9 | | | .7469 | | 1607.9 | | | | | |
| 12 | | | .1585 | | 1653.3 | | | .8141 | | 1615.9 | | | | | |
| 13 | | | .1720 | | 1661.3 | | | .8814 | | 1625.3 | | | | | |
| 14 | | | .1855 | | 1669.3 | | | .9487 | | 1634.6 | | | | | |
| 15 | | | .1990 | | 1674.6 | | | 1.0160 | | 1639.9 | | | | | |

| Gauge No. 198 | | | Depth 5596' | | | | Clock No. 9987 | | | hour 24 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | .000 | 47.7 | .000 | | 99.4 | .000 | 104.7 | .000 | | 303.7 | | | | |
| 1 | .0171 | 51.7 | .0099* | | 1067.1 | .0812** | 143.2 | .0733*** | | 1327.6 | | | | |
| 2 | .0343 | 59.6 | .0232 | | 1373.6 | .1657 | 180.3 | .1399 | | 1418.4 | | | | |
| 3 | .0515 | 70.2 | .0365 | | 1460.5 | .2503 | 214.8 | .2065 | | 1471.0 | | | | |
| 4 | .0687 | 82.2 | .0498 | | 1515.7 | .3349 | 246.6 | .2731 | | 1509.2 | | | | |
| 5 | .0859 | 92.8 | .0631 | | 1556.5 | .4194 | 275.8 | .3398 | | 1539.6 | | | | |
| 6 | .1030 | 99.4 | .0764 | | 1584.2 | .5040 | 303.7 | .4064 | | 1559.5 | | | | |
| 7 | | | .0897 | | 1607.1 | | | .4730 | | 1578.0 | | | | |
| 8 | | | .1030 | | 1626.9 | | | .5396 | | 1592.5 | | | | |
| 9 | | | .1163 | | 1642.8 | | | .6063 | | 1607.1 | | | | |
| 10 | | | .1296 | | 1656.0 | | | .6729 | | 1620.3 | | | | |
| 11 | | | .1428 | | 1666.6 | | | .7395 | | 1629.6 | | | | |
| 12 | | | .1561 | | 1677.2 | | | .8061 | | 1638.8 | | | | |
| 13 | | | .1694 | | 1685.1 | | | .8727 | | 1644.1 | | | | |
| 14 | | | .1827 | | 1693.1 | | | .9394 | | 1657.4 | | | | |
| 15 | | | .1960 | | 1698.4 | | | 1.0060 | | 1661.3 | | | | |
| Reading Interval | 5 | | | 4 | | | 25 | | 20 | | | | | Minutes |

REMARKS: *-3 minutes **-24 minutes ***-22 minutes



FORM 183-R1—PRINTED IN U.S.A.

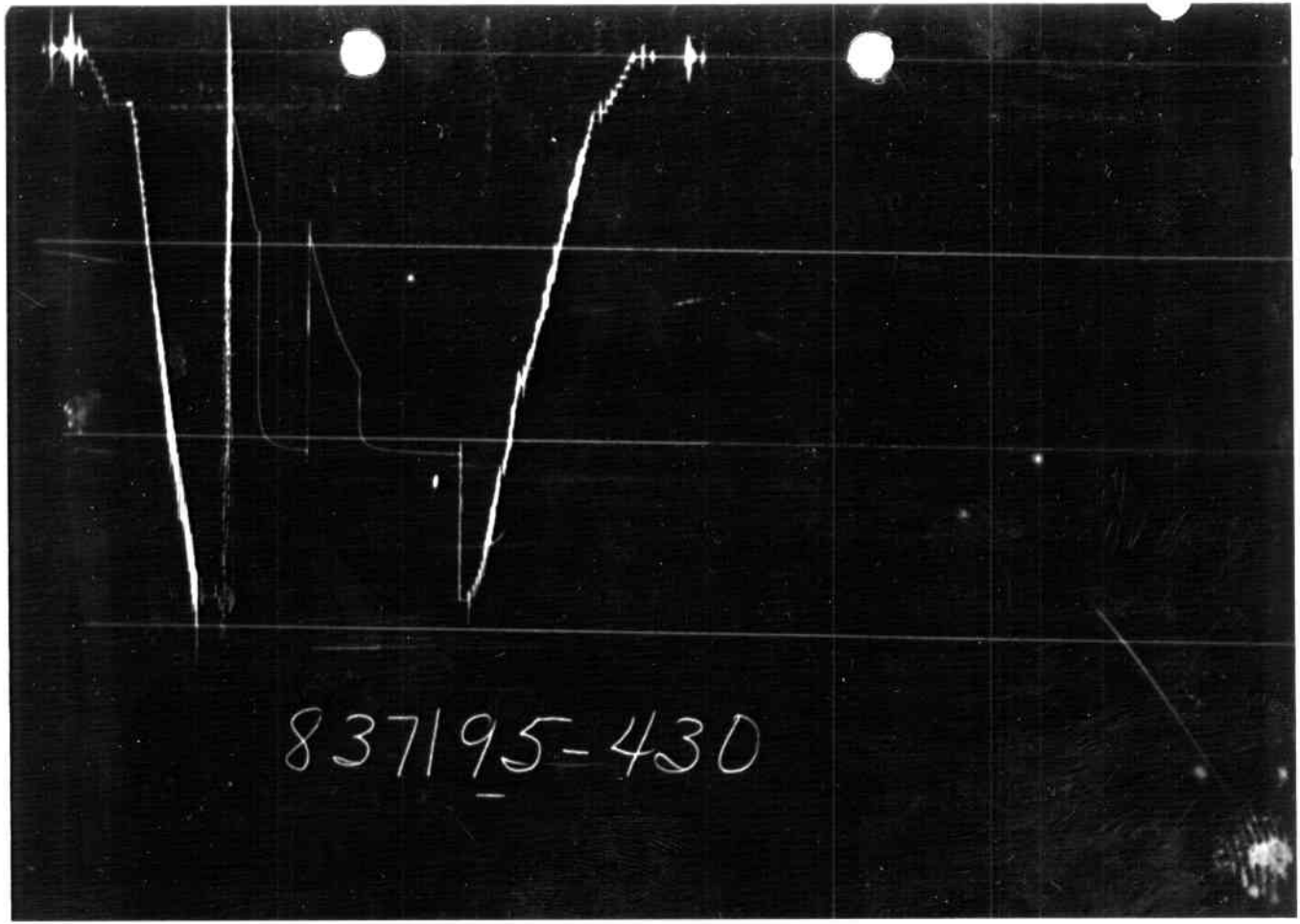
# SPECIAL PRESSURE DATA

LITTLE'S 96673 75C 8/74

EQUIPMENT DATA

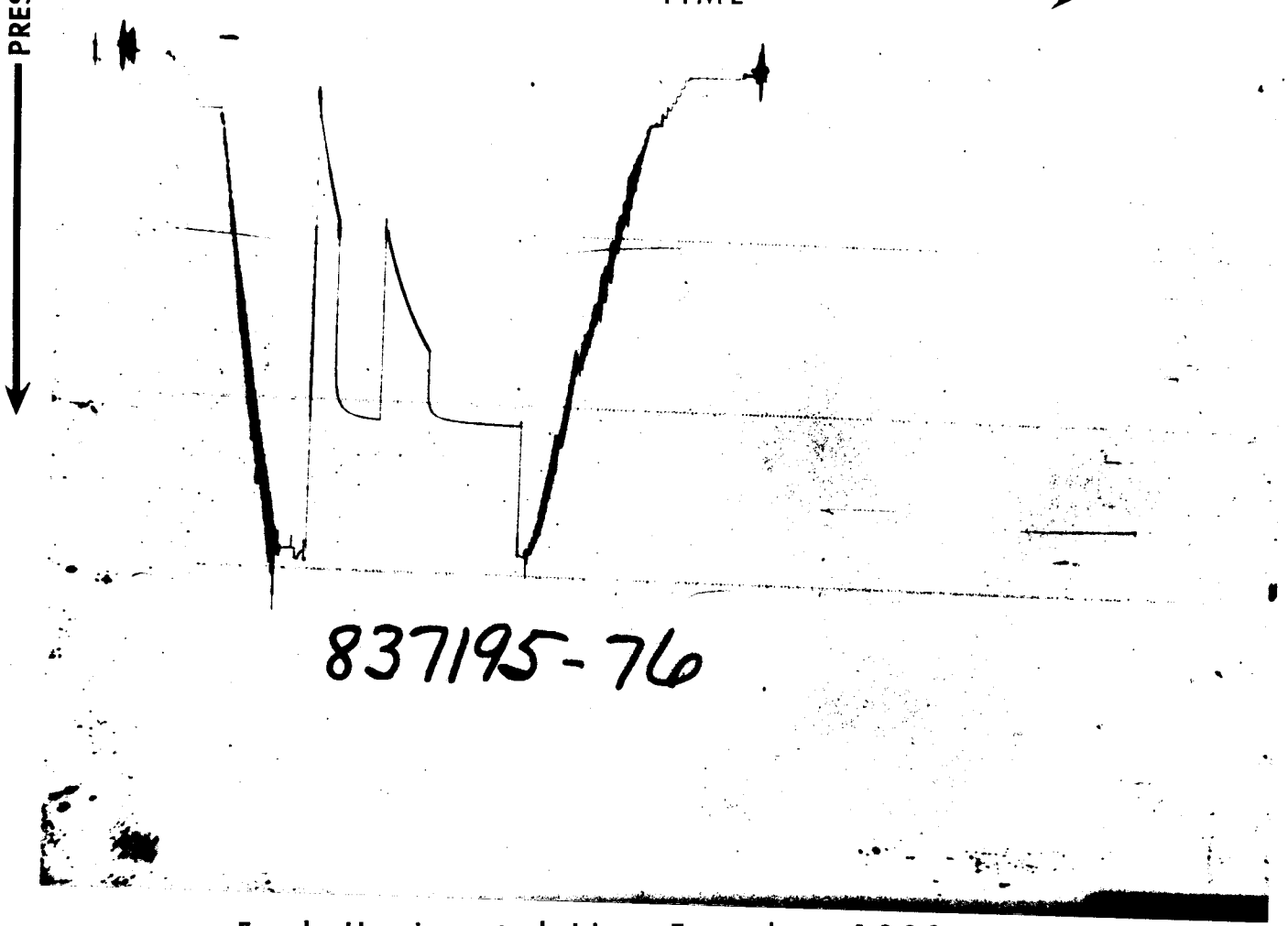
TICKET NO. 837193

| | O. D. | I. D. | LENGTH | DEPTH |
|---|---|---|---|---|
| DRILL PIPE OR TUBING | 4 1/2" | 3.826" | 4940' | |
| DRILL COLLARS | 6 1/2" | 2 3/4" | 498' | |
| REV SUB | 6" | 2 3/4" | 1' | |
| DRILL COLLARS | 6 1/2" | 2 3/4" | 93' | |
| X/O | 6" | 2 3/4" | 1.20' | |
| CIP SAMPLER | 5" | .75" | 7' | 5539' |
| HYDRO-SPRING TESTER | 5" | .75" | 5' | 5544' |
| AP CASE | 5" | 3.06" | 4.12' | 5546' |
| JARS | 5" | 1.75" | 5' | |
| VR SAFETY JOINT | 5" | 1" | 2.78' | |
| PRESSURE EQUALIZING TUBE | 5 1/4" | 1" | 1' | |
| PACKER | 6 3/4" | 1.53" | 5.81' | 5562' |
| DISTRIBUTOR | 5" | 1.68" | 2.00' | |
| PACKER | 6 3/4" | 1.53" | 5,81' | 5570' |
| ANCHOR | 5 3/4" | 2.87" | 22' | |
| X/O | 5 1/2" | 1.00" | .66' | |
| DOUBLE BOX | 5" | 1.00" | .99' | |
| AP CASE | 5" | 3.06" | 4.12' | 5596' |
| DOUBLE PIN | 5" | 2 7/16" | .58' | |
| X/O | 5 3/4" | 2 1/4" | 1.05' | |
| X/O | 5 3/4" | 2 1/4" | .95' | |
| DRILL COLLARS | 6 1/2" | 2 3/4" | 62.30' | |
| X/O | 6" | 2 1/4" | 1.06' | |
| X/O | 5 3/4" | 2 1/4" | .93' | |
| DOUBLE BOX | 4 3/4" | 2 1/4" | 1.38' | |
| PACKER ASSEMBLY | 6 3/4" | 1.53" | 5,80' | 5670' |
| SIDE WALL ANCHOR | 6 3/4" | | 4.79' | 5676' |
| X/O | 6" | 2 3/16" | .82' | |
| FLUSH JOINT ANCHOR | 5 3/4" | 2.87" | 3' | |
| BLANKED OFF BT RUNNING CASE | 5 3/4" | 2.50" | 4.12' | 5684' |
| TOTAL DEPTH | | | | 6150' |




PRESSURE

TIME




Each Horizontal Line Equal to 1000 p.s.i.

## FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface

Recovery: Cu. Ft. Gas _____

cc. Oil _____

cc. Water _____

cc. Mud _____

Tot. Liquid cc. _____

Gravity _____ ° API @ _____ °F.

Gas/Oil Ratio _____ cu. ft./bbl.

| | RESISTIVITY | | CHLORIDE CONTENT |
|---|---|---|---|
| Recovery Water | @ °F. | | ppm |
| Recovery Mud | @ °F. | | ppm |
| Recovery Mud Filtrate | @ °F. | | ppm |
| Mud Pit Sample | @ °F. | | ppm |
| Mud Pit Sample Filtrate | @ °F. | | ppm |

Mud Weight 9.0 vis 45 sec.

Date 5-6-81 Ticket Number 837194

Kind of D.S.T. ON BOTTOM STRADDLE Halliburton Location VERNAL

Tester MR. RIPPLE Witness MR. HENSLEY

Drilling Contractor BARON INTERNATIONAL DRILLING #9 bc

## EQUIPMENT & HOLE DATA

Formation Tested _____

Elevation 5157' KB Ft.

Net Productive Interval _____ Ft.

All Depths Measured From Kelly Bushing

Total Depth 6150' Ft.

Main Hole/Casing Size 7 7/8"

Drill Collar Length 560' I.D. 2 3/4"

Drill Pipe Length 4171' I.D. 3.826"

Packer Depth(s) 4762' - 4770' - 4890' Ft.

Depth Tester Valve 4744' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choice 1/8" Bottom Choice .75"

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Meas. From Tester Valve

Remarks PACKER SEAT FAILURE, WASHED OUT HOLE. SEE PRODUCTION TEST DATA SHEET.

MISRUN.....

| TEMPERATURE | Gauge No. 490 Depth: 4746' Ft. | Gauge No. 198 Depth: 4785' Ft. | Gauge No. 76 Depth: 4904' Ft. | TIME (00:00-24:00 hrs.) |
|---|---|---|---|---|
| | 24 Hour Clock | 24 Hour Clock | 24 Hour Clock | Tool Opened |
| Est. °F. | Blanked Off No | Blanked Off Yes | Blanked Off Yes | |
| Actual 95 °F. | Pressures | Pressures | Pressures | Opened Bypass |

| | | Field | Office | Field | Office | Field | Office | Reported Minutes | Computed Minutes |
|---|---|---|---|---|---|---|---|---|---|
| Initial Hydrostatic | | | 2223.8 | | 2246.6 | | 2291.6 | | |
| First Period | Flow Initial | | | | | | | — | — |
| | Flow Final | | | | | | | | |
| | Closed in | | | | | | | | |
| Second Period | Flow Initial | | | | | | | — | — |
| | Flow Final | | | | | | | | |
| | Closed in | | | | | | | | |
| Third Period | Flow Initial | | | | | | | — | — |
| | Flow Final | | | | | | | | |
| | Closed in | | | | | | | | |
| Final Hydrostatic | | | 2223.8 | | 2246.6 | | 2291.6 | — | — |

Legal Location Sec. - Twp. - Rng. 24 - 31S - 12E

Lease Name POISON SPRINGS

Well No. 1

Test No. 3

Tested Interval 4770' - 4890'

Field Area WILDCAT

County GARFIELD

State UTAH

Lease Owner/Company Name EVERGREEN OIL CORPORATION

FORM 181-R2 — PRINTED IN U.S.A.

# FORMATION TEST DATA

LITTLE'S

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Casing perfs. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 837194

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED** _____

| Date 5-6-81 Time a.m. p.m. | Choke Size | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks |
|---|---|---|---|---|---|
| 1215 | | | | | Ran in hole to condition for DST #3 |
| 2130 | | | | | On location |
| 2235 | | | | | Picked up tools |
| ~~5-7-81~~ 0120 | | | | | Ran in hole with tools |
| 0520 | | | | | Set sidewall. Tool opened and slid.... |
| | | | | | Lost packer seat |
| 0550 | | | | | Raised packer 30'. Sidewall would not |
| | | | | | set |
| | | | | | Pulled out of hole |
| 0930 | | | | | Laid tools down, waited on orders |
| | | | | | |
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FORM 182-R1—PRINTED IN U.S.A.

# PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/74

TICKET NO. 837194

| | O. D. | I. D. | LENGTH | DEPTH |
|---|---|---|---|---|
| Drill Pipe or Tubing | 4½" | 3.826" | 4171' | |
| Drill Collars | 6½" | 2 3/4" | 467' | |
| Reversing Sub | 6" | 2 3/4" | 1' | |
| Water Cushion Valve | | | | |
| Drill Pipe | | | | |
| Drill Collars | 6½" | 2 3/4" | 93' | |
| Handling Sub & Choke Assembly | | | | |
| ~~Dual CIP Valve~~ X over | 6" | 2 3/4" | 1.20' | |
| Dual CIP Sampler | 5" | .75" | 7' | 4739' |
| Hydro-Spring Tester | 5" | .75" | 5' | 4744' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | 5" | 3.06" | 4' | 4746' |
| Hydraulic Jar | 5" | 1.75" | 5' | |
| VR Safety Joint | 5" | 1" | 2.78' | |
| Pressure Equalizing Crossover | 5¼" | 1" | 1' | |
| Packer Assembly | 6 3/4" | 1.53" | 5.81' | 4762' |
| Distributor | 5" | 1.68" | 2' | |
| Packer Assembly | 6 3/4" | 1.53" | 5.81' | 4770' |
| Perforated Anchor | 5 3/4" | 2.87" | 11' | |
| X over | 5½" | 1" | .66' | |
| Flush Joint Anchor | | | | |
| Pressure Equalizing Tube | | | | |
| Double Box | 5" | 1" | .99' | |
| Blanked-Off B.T. Running Case | 5" | 3.06" | 4.12' | 4785' |
| Double Pin | 5" | 2 7/16" | .58' | |
| Drill Collars | | | | |
| Anchor Pipe Safety Joint | | | | |
| X over | 5 3/4" | 2¼" | 1.05' | |
| X over | 5 3/4" | 2 3/4" | .95' | |
| Packer Assembly | | | | |
| Drill collars | 6½" | 2 3/4" | 93.66' | |
| ~~Distributor~~ X over | 6" | 2¼" | 1.06' | |
| X over | 5 3/4" | 2¼" | .93' | |
| ~~Packer Assembly~~ X over | 4 3/4" | 2¼" | 1.38' | |
| Packer Assembly | 6 3/4" | 1.53" | 5.81' | 4890' |
| Anchor Pipe Safety Joint | | | | |
| Side Wall Anchor | 6 3/4" | - | 4.79' | 4896' |
| X over | 6" | 2 3/16" | .82' | |
| Drill Collars | | | | |
| Flush Joint Anchor | 5 3/4" | 2.87" | 3' | |
| Blanked-Off B.T. Running Case | 5 3/4" | 2.50" | 4.12' | 4904' |
| Total Depth | | | | 6150' |

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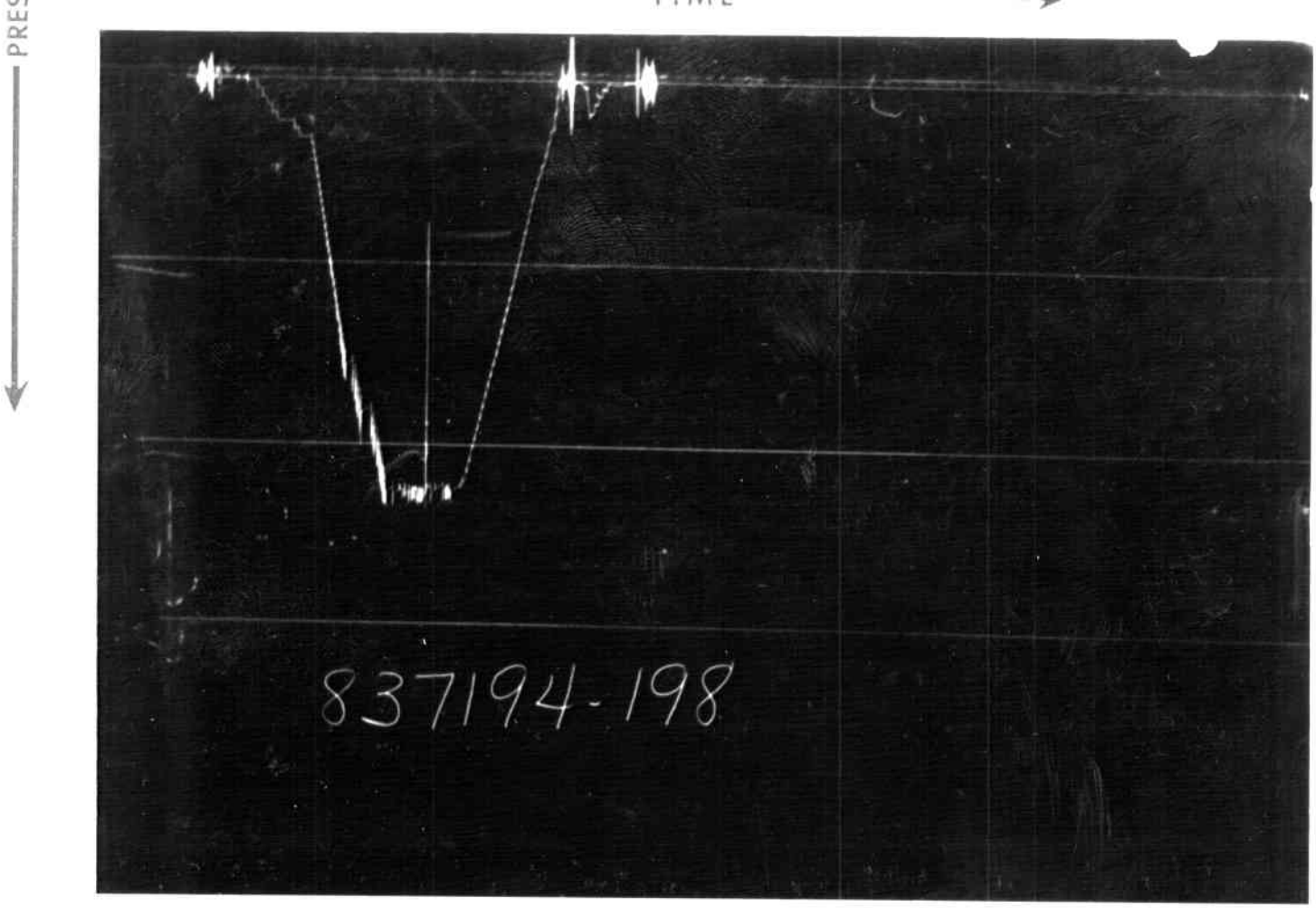
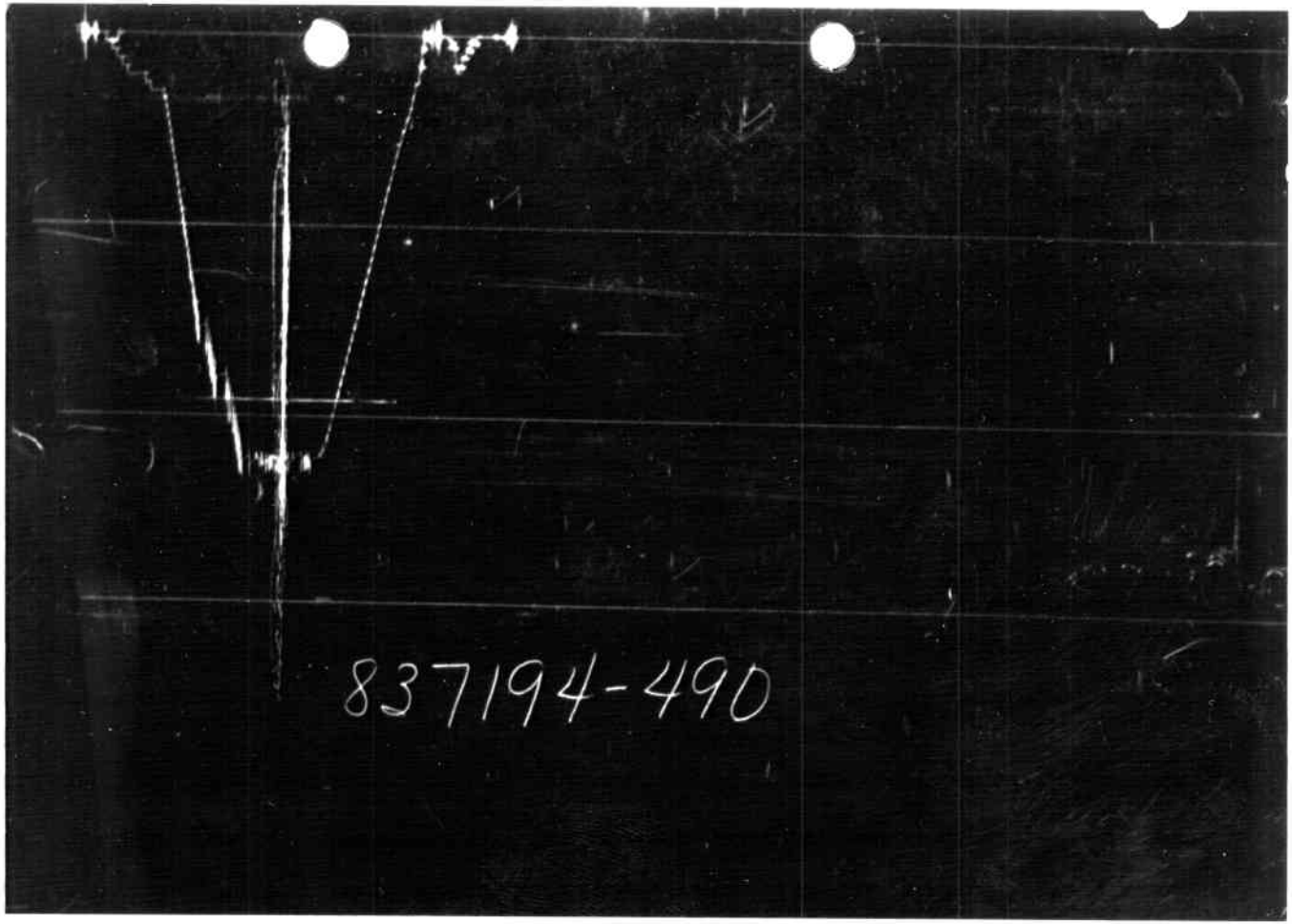
# EQUIPMENT DATA

LITTLE'S

19

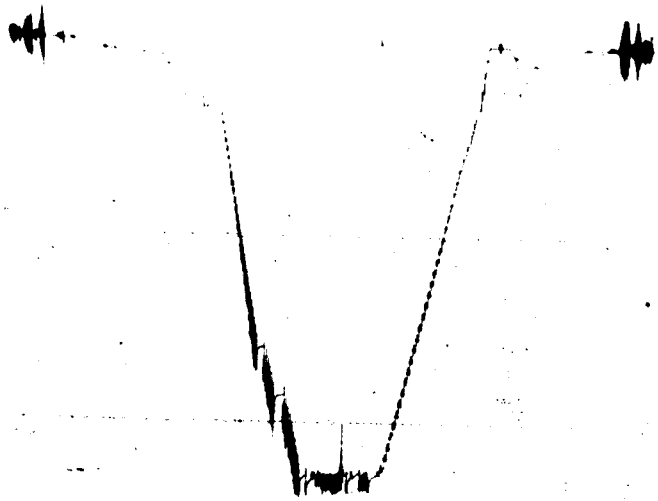



Each Horizontal Line Equals 1000




PRESSURE

TIME



837194-76

## FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface

Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water 2765
cc. Mud _____
Tot. Liquid cc. _____

Gravity _____ ° API @ _____ °F.

Gas/Oil Ratio _____ cu. ft./bbl.

| | RESISTIVITY | | | CHLORIDE CONTENT |
|---|---|---|---|---|
| Recovery Water | .4 | @ 59 | °F. | 18,000 ppm |
| Recovery Mud | | @ | °F. | ppm |
| Recovery Mud Filtrate | | @ | °F. | ppm |
| Mud Pit Sample | 1.3 | @ 100 | °F. | 3,000 ppm |
| Mud Pit Sample Filtrate | | @ | °F. | ppm |

Mud Weight 8.5+ vis 47 sec.

Date 5-9-81 Ticket Number 837195

Kind of D.S.T. OPEN HOLE Halliburton Location VERNAL

Tester MR. RIPPLE Witness MR. HENSLEY

Drilling Contractor BARON INTERNATIONAL DRILLING #9 bc

### EQUIPMENT & HOLE DATA

Formation Tested Mississippi
Elevation 5137' GL Ft.
Net Productive Interval 17' Ft.
All Depths Measured From 5157' Kelly Bushing
Total Depth 6150' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 590' I.D. 2 3/4"
Drill Pipe Length 5441' I.D. 3.826"
Packer Depth(s) 6062' - 6070' Ft.
Depth Tester Valve 6045' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choice 1/8" Bottom Choke .75"

Recovered 462 Feet of Salt water cut mud
Recovered 3199 Feet of Salt water
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks Last 16 stands showed a small show of possible $CO_2$.

SEE PRODUCTION TEST DATA SHEET.

Q = Questionable

| TEMPERATURE | Gauge No. 430 Depth: 6047' Ft. | | Gauge No. 76 Depth: 6147' Ft. | | Gauge No. Depth: Ft. | | TIME (00:00-24:00 hrs.) | |
|---|---|---|---|---|---|---|---|---|
| | 24 Hour Clock | | 24 Hour Clock | | Hour Clock | | Tool Opened | 1015 |
| Est. °F. | Blanked Off No | | Blanked Off Yes | | Blanked Off | | Opened Bypass | 1445 |
| Actual 103 °F. | Pressures | | Pressures | | Pressures | | | |
| | Field | Office | Field | Office | Field | Office | Reported Minutes | Computed Minutes |
| Initial Hydrostatic | 2910.1 | 2859.8 | 2944.2 | 2905.0 | | | — | — |
| First Period Flow Initial | 159.2 | 262.6-Q | 181.1 | 188.0 | | | 30 | 29 |
| First Period Flow Final | 926.2 | 930.0 | 927.3 | 965.3 | | | 60 | 59 |
| First Period Closed in | 2074.5 | 2073.1 | 2108.4 | 2113.8 | | | — | — |
| Second Period Flow Initial | 873.4 | 951.2 | 1000.0 | 1004.1 | | | 60 | 61 |
| Second Period Flow Final | 1651.8 | 1662.2 | 1691.7 | 1697.2 | | | 120 | 120 |
| Second Period Closed in | 2074.5 | 2079.7 | 2108.4 | 2122.2 | | | — | — |
| Third Period Flow Initial | | | | | | | | |
| Third Period Flow Final | | | | | | | | |
| Third Period Closed in | | | | | | | | |
| Final Hydrostatic | 2830.7 | 2846.5 | 2860.4 | 2892.4 | | | — | — |

Legal Location Sec. - Twp. - Rng. 24 - 31S - 12E

Lease Name POISON SPRINGS

Well No. 1

Test No. 5

Field Area WILDCAT

Tested Interval 6070' - 6150'

County GARFIELD

State UTAH

Lease Owner/Company Name EVERGREEN OIL CORPORATION

FORM 181-R2 — PRINTED IN U.S.A.

# FORMATION TEST DATA

LITTLE'S

19

Casing perfs. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 837195

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED** _____

| Date 5-9-81 Time a.m. p.m. | Choke Size | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks |
|---|---|---|---|---|---|
| 0530<br>0600 | | | | | On location<br>Picked up tools |
| 0707<br>1015 | 1/8" | | | | Ran in hole with tools<br>Tool opened, to bottom of bucket in 1 min. |
| 1020 | " | 3/4# | | | |
| 1025 | " | 1 1/8 | | | |
| 1030 | " | 1½ | | | |
| 1035 | " | 1 7/8 | | | |
| 1040 | " | 2¼ | | | |
| 1045 | " | 2½ | | | Closed tool |
| 1145 | " | | | | Opened tool with ½" blow |
| 1150 | " | ½ | | | |
| 1155 | " | 7/8 | | | |
| 1200 | " | 1¼ | | | |
| 1205 | " | 1 3/8 | | | |
| 1210 | " | 1½ | | | |
| 1215 | " | 1 3/4 | | | |
| 1220 | " | " | | | |
| 1225 | " | " | | | |
| 1230 | " | " | | | |
| 1235 | " | " | | | |
| 1240 | " | " | | | |
| 1245 | " | 1 5/8 | | | Closed tool |
| 1445 | | | | | Pulled tool loose |
| 1457 | | | | | Pulled out of hole |
| 1800 | | | | | Drained sampler, re-dressed DCIP |
| 2000 | | | | | Job completed, placed on stand-by for DST # 6, job cancelled |
| 0315 5-10-81 | | | | | Loaded out, through with job |

| Gauge No. 430 | Depth 6047' | Clock No. 4090 | 24 hour | Ticket No. 837195 |
|---|---|---|---|---|

| | First Flow Period | | First Closed In Pressure | | | Second Flow Period | | Second Closed In Pressure | | | Third Flow Period | | Third Closed In Pressure | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | Log $\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | Log $\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000" | PSIG Temp. Corr. | Time Defl. .000" | Log $\frac{t+\theta}{\theta}$ | PSIG Temp. Corr. |
| 0 | .0000 | 262.6-Q | .0000 | | 930.0 | .0000 | 951.2 | .0000 | | 1662.2 | | | | | |
| 1 | .0150 | 340.8* | .0105 | Q | 1296.8** | .0368 | 1106.8*** | .0201 | | 2021.2 | | | | | |
| 2 | .0338 | 452.2 | .0246 | | 1953.8 | .0702 | 1259.9 | .0401 | | 2042.5 | | | | | |
| 3 | .0526 | 584.4 | .0386 | | 1998.6 | .1037 | 1387.8 | .0602 | | 2053.1 | | | | | |
| 4 | .0714 | 707.1 | .0526 | | 2022.6 | .1371 | 1496.0 | .0802 | | 2058.5 | | | | | |
| 5 | .0902 | 821.9 | .0667 | | 2037.2 | .1706 | 1585.7 | .1003 | | 2062.5 | | | | | |
| 6 | .1090 | 930.0 | .0807 | | 2045.2 | .2040 | 1662.2 | .1203 | | 2065.1 | | | | | |
| 7 | | | .0947 | | 2050.5 | | | .1404 | | 2069.1 | | | | | |
| 8 | | | .1088 | | 2055.8 | | | .1604 | | 2070.4 | | | | | |
| 9 | | | .1228 | | 2059.8 | | | .1805 | | 2071.8 | | | | | |
| 10 | | | .1368 | | 2063.8 | | | .2005 | | 2073.1 | | | | | |
| 11 | | | .1509 | | 2066.4 | | | .2406 | | 2074.4 | | | | | |
| 12 | | | .1649 | | 2067.8 | | | .2807 | | 2077.1 | | | | | |
| 13 | | | .1789 | | 2070.4 | | | .3208 | | 2078.4 | | | | | |
| 14 | | | .1930 | | 2071.8 | | | .3609 | | 2079.7 | | | | | |
| 15 | | | .2070 | | 2073.1 | | | .4010 | | 2079.7 | | | | | |

| Gauge No. 76 | Depth 6147' | Clock No. 2290 | 24 hour |
|---|---|---|---|

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | .0000 | 188.0 | .0000 | | 965.3 | .0000 | 1004.1 | .0000 | | 1697.2 | | | | | |
| 1 | .0134 | 408.0* | .0099 | | 1968.0** | .0364 | 1147.7*** | .0200 | | 2055.5 | | | | | |
| 2 | .0301 | 536.0 | .0231 | | 2025.0 | .0695 | 1299.7 | .0399 | | 2080.5 | | | | | |
| 3 | .0468 | 646.8 | .0364 | | 2052.7 | .1027 | 1425.4 | .0599 | | 2091.6 | | | | | |
| 4 | .0636 | 764.5 | .0496 | | 2068.0 | .1358 | 1526.3 | .0798 | | 2100.0 | | | | | |
| 5 | .0803 | 868.4 | .0628 | | 2080.5 | .1689 | 1618.0 | .0998 | | 2102.7 | | | | | |
| 6 | .0970 | 965.3 | .0760 | | 2088.8 | .2020 | 1697.2 | .1197 | | 2106.9 | | | | | |
| 7 | | | .0892 | | 2094.4 | | | .1397 | | 2109.7 | | | | | |
| 8 | | | .1025 | | 2100.0 | | | .1596 | | 2112.5 | | | | | |
| 9 | | | .1157 | | 2102.7 | | | .1796 | | 2113.8 | | | | | |
| 10 | | | .1289 | | 2105.5 | | | .1995 | | 2115.2 | | | | | |
| 11 | | | .1421 | | 2108.3 | | | .2394 | | 2118.0 | | | | | |
| 12 | | | .1553 | | 2109.7 | | | .2793 | | 2119.4 | | | | | |
| 13 | | | .1686 | | 2111.1 | | | .3192 | | 2120.8 | | | | | |
| 14 | | | .1818 | | 2112.5 | | | .3591 | | 2122.2 | | | | | |
| 15 | | | .1950 | | 2113.8 | | | .3990 | | 2122.2 | | | | | |
| Reading Interval | | 5 | | 4 | | | 10 | | **** | | | | | | Minutes |

REMARKS: *Interval = 4 minutes **Interval = 3 minutes ***Interval = 11 minutes ****First 10 intervals = 6 minutes each; last 5 intervals = 12 minutes each. Q = Questionable



# SPECIAL PRESSURE DATA

TICKET NO. 837195

| | O. D. | I. D. | LENGTH | DEPTH |
|---|---|---|---|---|
| Drill Pipe or Tubing | 4½" | 3.826" | 5441' | |
| Drill Collars | 6½" | 2 3/4" | 559' | |
| Reversing Sub | 6" | 2 3/4" | 1' | |
| Water Cushion Valve | | | | |
| Drill Pipe | | | | |
| Drill Collars | 6½" | 2 3/4" | 31.42' | |
| Handling Sub & Choke Assembly | | | | |
| ~~Dual CIP Valve~~ X over | 6" | 2 3/4" | 1.19' | |
| Dual CIP Sampler | 5" | .75" | 7' | 6040' |
| Hydro-Spring Tester | 5" | .75" | 5' | 6045' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | 5" | 3.06" | 4' | 6047' |
| Hydraulic Jar | 5" | 1.75" | 5' | |
| VR Safety Joint | 5" | 1" | 3' | |
| Pressure Equalizing Crossover | | | | |
| Packer Assembly | 6 3/4" | 1.53" | 5.81' | 6062' |
| Distributor | 5" | 1.68" | 2' | |
| Packer Assembly | 6 3/4" | 1.53" | 5.81' | 6070' |
| Flush Joint Anchor | 5 3/4" | 2.87" | 8' | |
| Pressure Equalizing Tube X over | 5 3/4" | 2 3/4" | .95' | |
| Blanked-Off B.T. Running Case | | | | |
| Drill Collars | 6½" | 2 3/4" | 62.14' | |
| Anchor Pipe Safety Joint X over | 6" | 2¼" | 1.04' | |
| Packer Assembly | | | | |
| Distributor | | | | |
| Packer Assembly | | | | |
| Anchor Pipe Safety Joint | | | | |
| Side Wall Anchor | | | | |
| Drill Collars | | | | |
| Flush Joint Anchor | 5 3/4" | 2.87" | 2' | |
| Blanked-Off B.T. Running Case | 5 3/4" | 2.50" | 4.12' | 6147' |
| Total Depth | | | | 6150' |

FORM 187—R2 — PRINTED IN U.S.A.

# EQUIPMENT DATA

LITTLE'S

17

Phone
713-790-9132

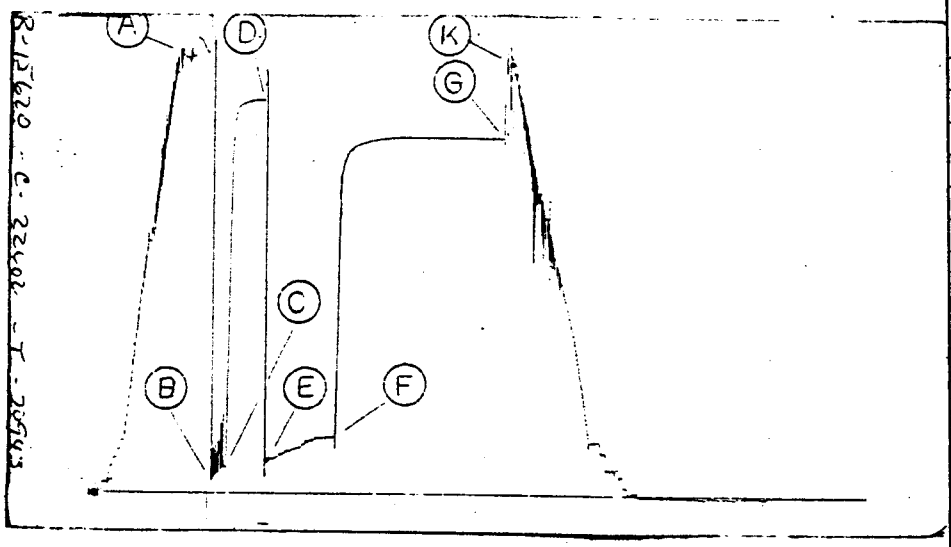
# LYNES, INC

Box 12486
Houston, TX 77017

Operator: Evergreen Oil Corporation
Address: 717 N. Harwood - Suite 1100, Dallas, Texas 75201

| | | | | | |
|---|---|---|---|---|---|
| Contractor | Baron Drilling | Top Choke | 1/4" | Flow No. 1 | 30 Min. |
| Rig No. | 9 | Bottom Choke | 9/16" | Shut-in No. 1 | 60 Min. |
| Spot | -- | Size Hole | 7 7/8" | Flow No. 2 | 150 Min. |
| Sec. | 24 | Size Rat Hole | -- | Shut-in No. 2 | 300 Min. |
| Twp. | 31 S | Size & Wt. D. P. | 4 1/2" 16.60 | Flow No. 3 | -- Min. |
| Rng. | 12 E | Size Wt. Pipe | -- | Shut-in No. 3 | -- Min. |
| Field | Wildcat | I. D. of D. C. | 2 1/4" | | |
| County | Garfield | Length of D. C. | 520' | Bottom Hole Temp. | 106°F |
| State | Utah | Total Depth | 6150' | Mud Weight | 9.1 |
| Elevation | 5157' KB | Interval Tested | 4733'-4853' | Gravity | -- |
| Formation | Ismay | Type of Test | Inflate Straddle | Viscosity | 47 |

Tool opened @ 4:00 AM




Outside Recorder

PRD Make Kuster K-3
No. 15620 Cap. 2400 @ 4738'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 2247 |
| Final Hydrostatic | K | 2247 |
| Initial Flow | B | 60 |
| Final Initial Flow | C | 135 |
| Initial Shut-in | D | 2019 |
| Second Initial Flow | E | 140 |
| Second Final Flow | F | 293 |
| Second Shut-in | G | 1834 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |

Lynes Dist.: Rock Springs, WYO.
Our Tester: Stormy Hayes
Witnessed By:

Well Name and No. Poison Springs #1
Ticket No. 20943
Date 5-8-81
DST No. 4
No. Final Copies 18

Did Well Flow – Gas NO Oil NO Water NO

RECOVERY IN PIPE: 556' Total fluid
123' Drilling Mud = .94 bbl.
433' Water = 2.17 bbl.

Top Sample R.W.: .11 @ 65°F = 72,000 ppm. Cl.
Middle Sample R.W.: .10 @ 70°F = 75,000 ppm. Cl.
Bottom Sample R.W.: .14 @ 65°F = 55,000 ppm. Cl.

Blow Description:

1st Flow: Tool opened with a weak 1/2" underwater blow, increased to 5" at end of flow period.

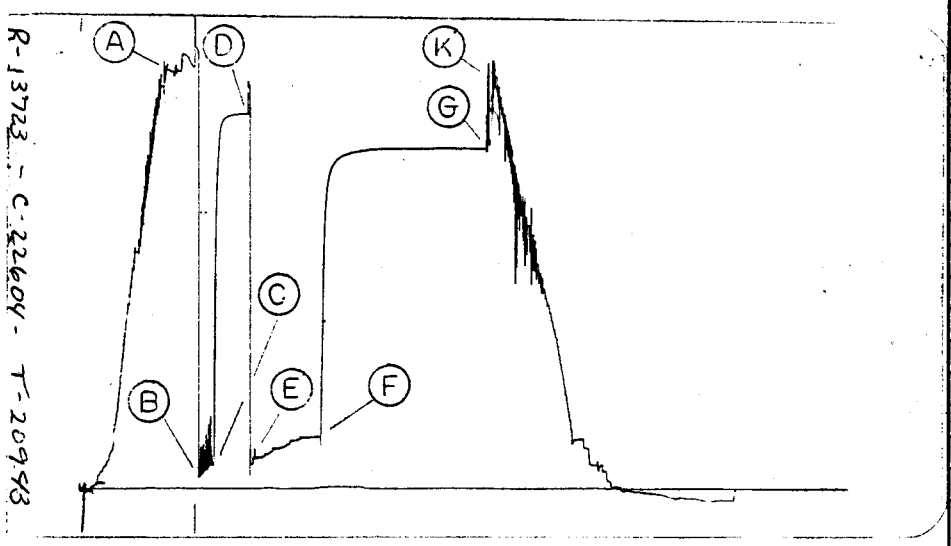
2nd Flow: Tool opened with a weak blow, increased to 2 1/2" in 25 minutes, blow decreased to 1" in 60 minutes, increased to 2 1/4" in 90 minutes blow decreased to a very weak blow in 130 minutes and remained thru flow period.

Form 1

LY-230

# LYNES, INC.

| Evergreen Oil Corporation | Poison Springs #1 | 4 |
|---|---|---|
| Operator | Well Name and No. | DST No. |

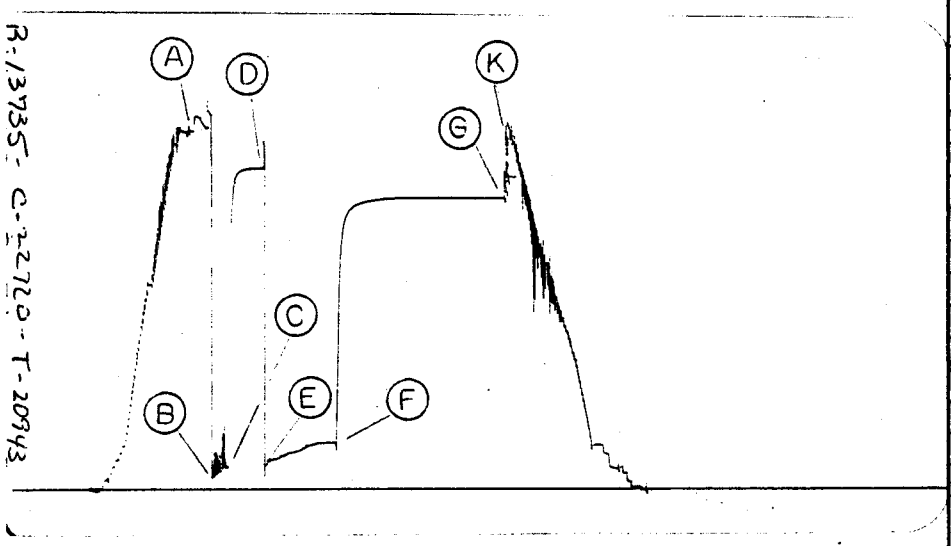



Outside Recorder

PRD Make Kuster K-3

No. 13773 Cap. 2500 @ 4738'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 2260 |
| Final Hydrostatic | K | 2260 |
| Initial Flow | B | 71 |
| Final Initial Flow | C | 140 |
| Initial Shut-in | D | 2026 |
| Second Initial Flow | E | 142 |
| Second Final Flow | F | 291 |
| Second Shut-in | G | 1842 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |
| | | |
| | | |
| | | |
| Pressure Below Bottom Packer Bled To | | |




Outside Recorder

PRD Make Kuster K-3

No. 13735 Cap. 2800 @ 4738'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 2251 |
| Final Hydrostatic | K | 2251 |
| Initial Flow | B | 70 |
| Final Initial Flow | C | 141 |
| Initial Shut-in | D | 2024 |
| Second Initial Flow | E | 150 |
| Second Final Flow | F | 297 |
| Second Shut-in | G | 1840 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |
| | | |
| | | |
| | | |
| Pressure Below Bottom Packer Bled To | | |

WE' NAME: POISON SPRINGS 1

DST NUMBER: 004

RECORDER NUMBER: 015620

INTERVAL TESTED: 4733FT TO 4853FT

RECORDER DEPTH: 4738.000FT

TOTAL FLOW TIME: 30.0MIN

FIRST SHUT IN PRESSURE (LIQUID)

| TIME (MIN) PHI | (T+PHI) /PHI | PRESSURE (PSI) |
|---|---|---|
| .0 | .0000 | 135.0 |
| 1.0 | 31.0000 | 1148.0 |
| 2.0 | 16.0000 | 1420.0 |
| 3.0 | 11.0000 | 1612.0 |
| 4.0 | 8.5000 | 1712.0 |
| 5.0 | 7.0000 | 1777.0 |
| 6.0 | 6.0000 | 1822.0 |
| 7.0 | 5.2857 | 1863.0 |
| 8.0 | 4.7500 | 1909.0 |
| 9.0 | 4.3333 | 1933.0 |
| 10.0 | 4.0000 | 1948.0 |
| 12.0 | 3.5000 | 1968.0 |
| 14.0 | 3.1429 | 1980.0 |
| 16.0 | 2.8750 | 1988.0 |
| 18.0 | 2.6667 | 1994.0 |
| 20.0 | 2.5000 | 1997.0 |
| 22.0 | 2.3636 | 2000.0 |
| 24.0 | 2.2500 | 2002.0 |
| 26.0 | 2.1538 | 2004.0 |
| 28.0 | 2.0714 | 2006.0 |
| 30.0 | 2.0000 | 2008.0 |
| 35.0 | 1.8571 | 2013.0 |
| 40.0 | 1.7500 | 2016.0 |
| 45.0 | 1.6667 | 2018.0 |
| 50.0 | 1.6000 | 2019.0 * |
| 55.0 | 1.5455 | 2019.0 * |
| 60.0 | 1.5000 | 2019.0 * |

* VALUES USED IN HORNER ANALYSIS

SLOPE: .00000 PSI/CYCLE

EXTRAPOLATED PRESSURE: 2019.0 PSI

WEL NAME: POISON SPRINGS 1

DST NUMBER: 004

RECORDER NUMBER: 015620

INTERVAL TESTED: 4733FT TO 4853FT

RECORDER DEPTH: 4738.000FT

TOTAL FLOW TIME: 180.0MIN

SECOND SHUT IN PRESSURE (LIQUID)

| TIME (MIN) PHI | (T+PHI) /PHI | PRESSURE (PSI) | |
|---|---|---|---|
| .0 | .0000 | 293.0 | |
| 1.0 | 181.0000 | 519.0 | |
| 2.0 | 91.0000 | 768.0 | |
| 3.0 | 61.0000 | 1086.0 | |
| 4.0 | 46.0000 | 1313.0 | |
| 5.0 | 37.0000 | 1413.0 | |
| 6.0 | 31.0000 | 1486.0 | |
| 7.0 | 26.7143 | 1553.0 | |
| 8.0 | 23.5000 | 1599.0 | |
| 9.0 | 21.0000 | 1634.0 | |
| 10.0 | 19.0000 | 1659.0 | |
| 12.0 | 16.0000 | 1690.0 | |
| 14.0 | 13.8571 | 1714.0 | |
| 16.0 | 12.2500 | 1730.0 | |
| 18.0 | 11.0000 | 1743.0 | |
| 20.0 | 10.0000 | 1753.0 | |
| 22.0 | 9.1818 | 1761.0 | |
| 24.0 | 8.5000 | 1768.0 | |
| 26.0 | 7.9231 | 1773.0 | |
| 28.0 | 7.4286 | 1777.0 | |
| 30.0 | 7.0000 | 1781.0 | |
| 40.0 | 5.5000 | 1794.0 | |
| 50.0 | 4.6000 | 1804.0 | |
| 60.0 | 4.0000 | 1812.0 | |
| 90.0 | 3.0000 | 1827.0 | |
| 120.0 | 2.5000 | 1833.0 | |
| 150.0 | 2.2000 | 1834.0 | * |
| 180.0 | 2.0000 | 1834.0 | * |
| 210.0 | 1.8571 | 1834.0 | * |
| 240.0 | 1.7500 | 1834.0 | * |
| 270.0 | 1.6667 | 1834.0 | * |
| 300.0 | 1.6000 | 1834.0 | * |

* VALUES USED IN HORNER ANALYSIS

SLOPE: .00000 PSI/CYCLE

EXTRAPOLATED PRESSURE: 1834.0 PSI

HORNER PLOT

TEST DATE: 05 08 81

WELL NAME: POISON SPRINGS 1

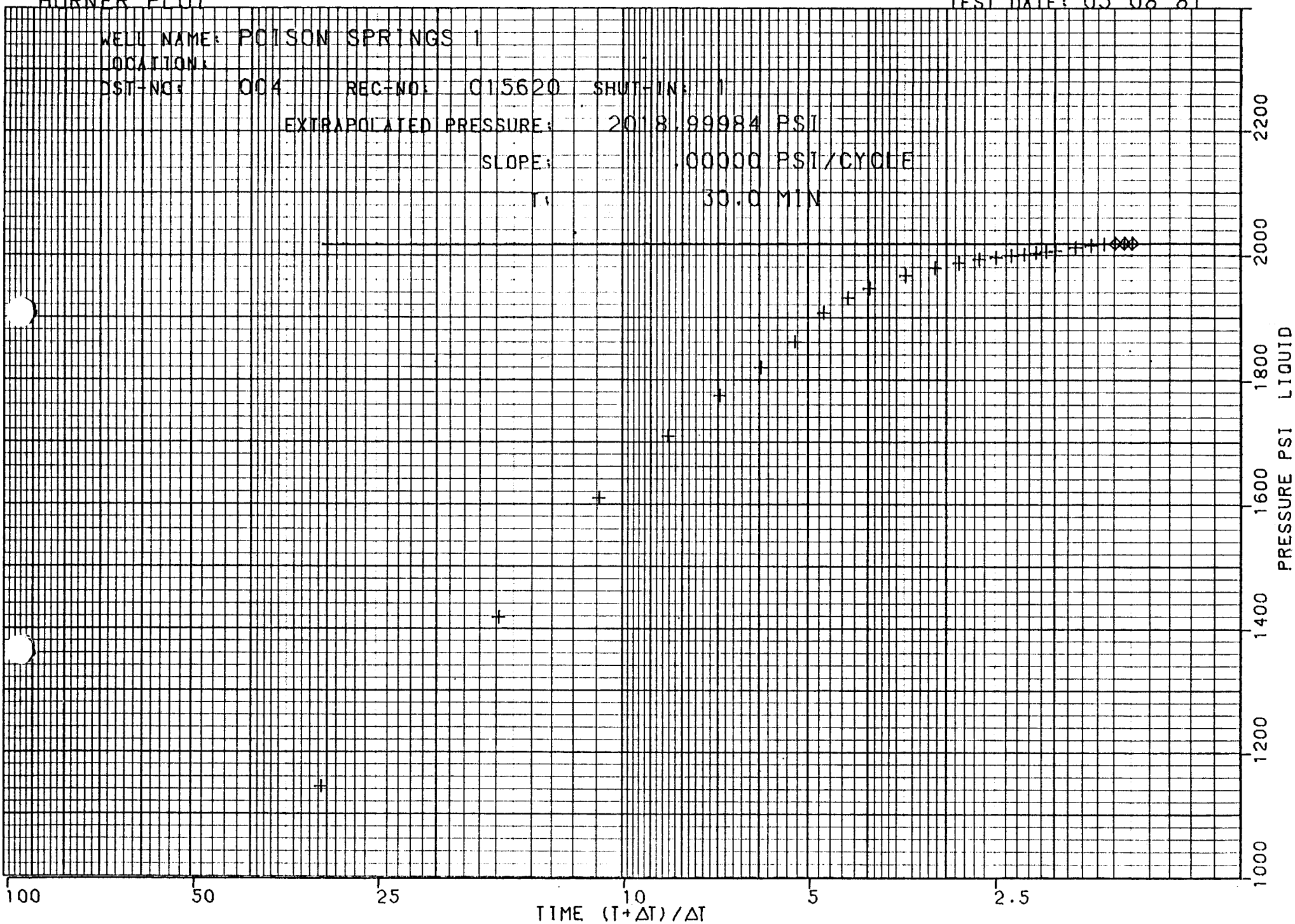
LOCATION:

DST-NO: 004 REC-NO: 015620 SHUT-IN: 1

EXTRAPOLATED PRESSURE: 2018.99984 PSI

SLOPE: .00000 PSI/CYCLE

T: 30.0 MIN



# LYNES, INC.

## Sampler Report

Company: Evergreen Oil Corporation  Date: 5-8-81

Well Name & No.: Poison Springs #1  Ticket No.: 20943

County: Garfield  State: Utah

Test Interval: 4733'-4853'  DST No.: 4

---

Total Volume of Sampler: 2000 cc.

Total Volume of Sample: 1100 cc.

Pressure in Sampler: 2 psig

Oil: NONE cc.

Water: 1100 Muddy Water cc.

Mud: NONE cc.

Gas: NONE cu. ft.

Other: NONE

Sample R.W.: .14 @ 65°F = 55,000 ppm. Cl.

**Resistivity**

Make Up Water R.W.: 2.8 @ 70°F of Chloride Content 2000 ppm.

Mud Pit Sample R.W.: 1.5 @ 75°F of Chloride Content 3800 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained: On Location

Remarks:

Form 5

LY-234

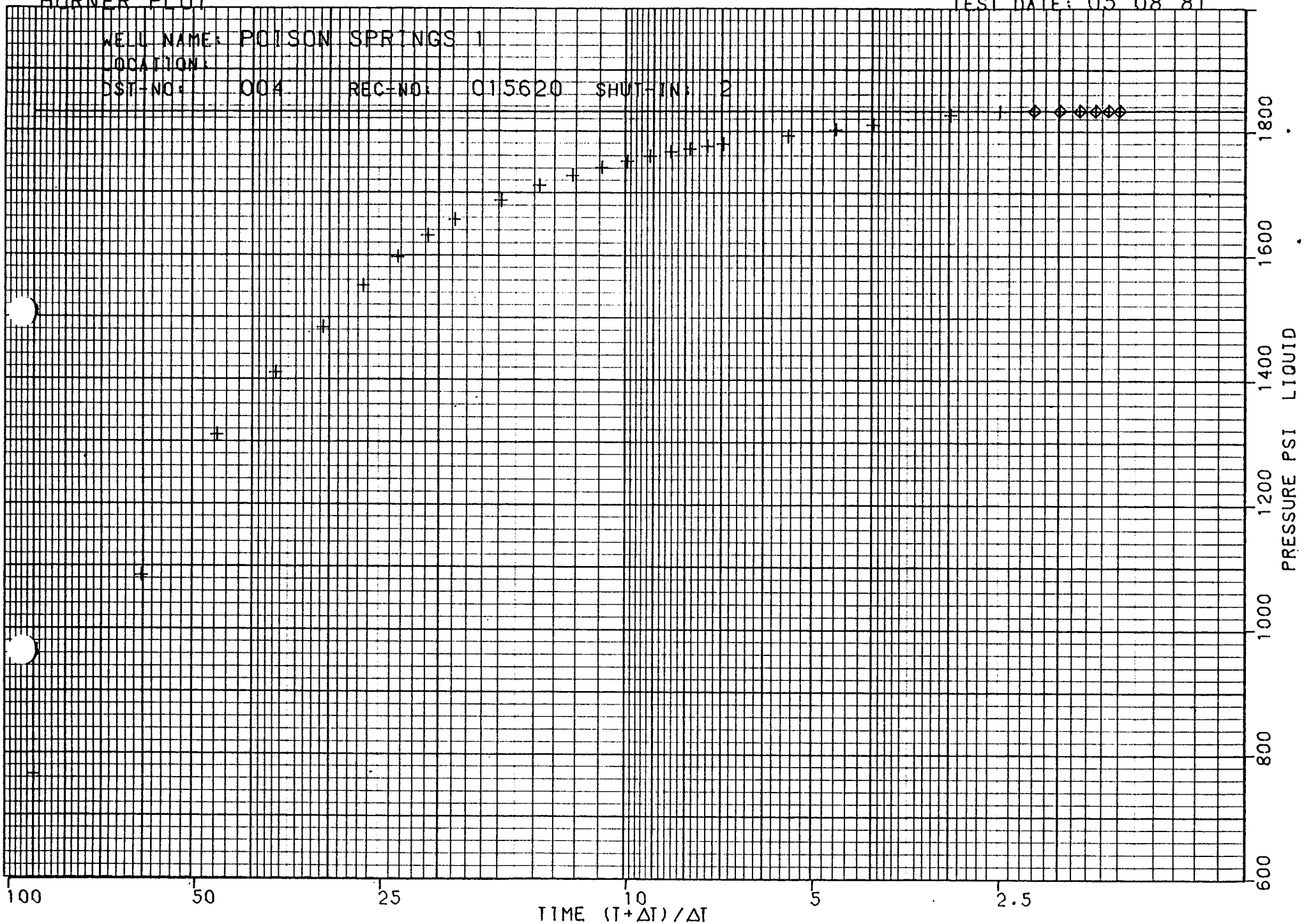
HORNER PLOT

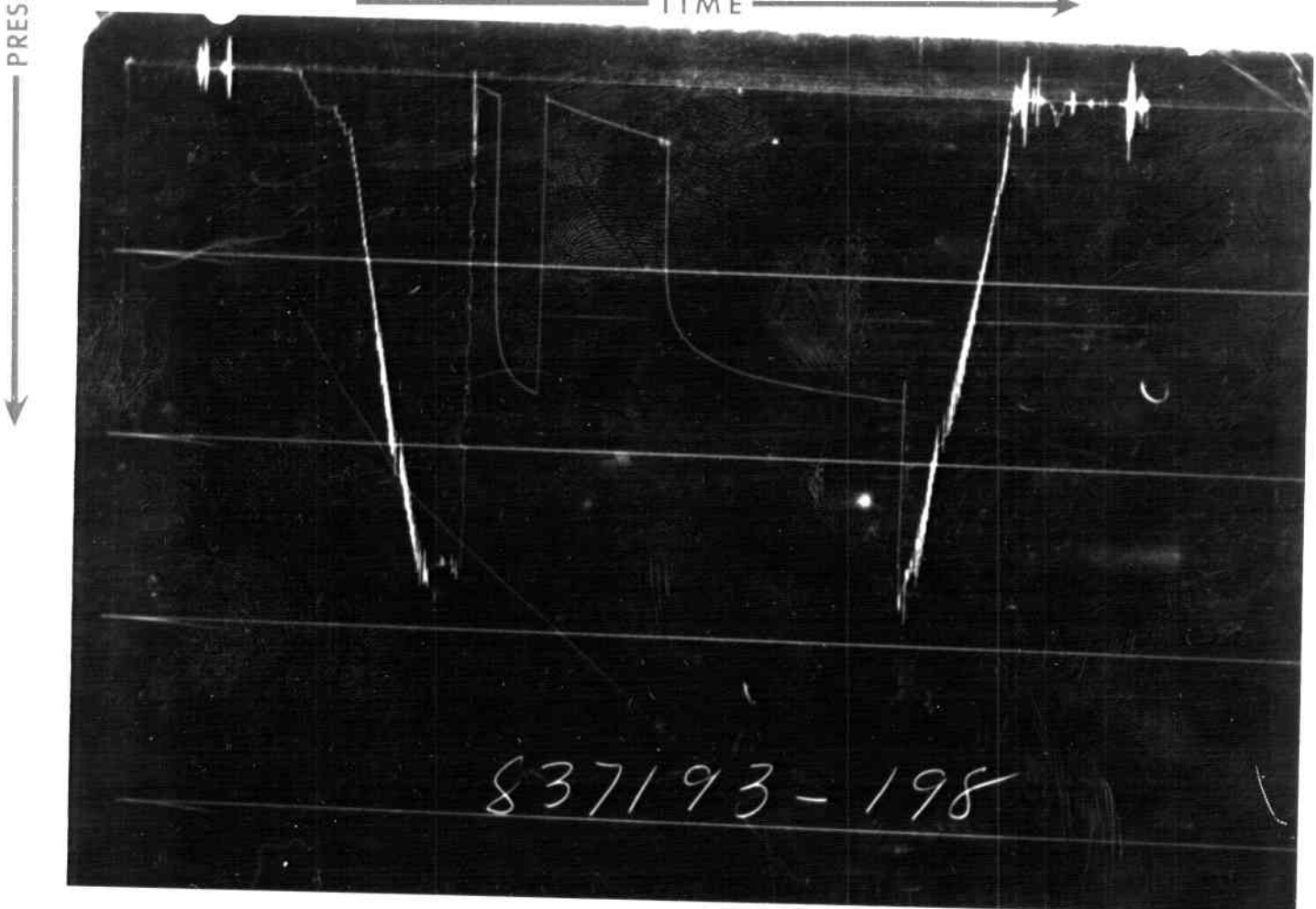
TEST DATE: 05 08 81

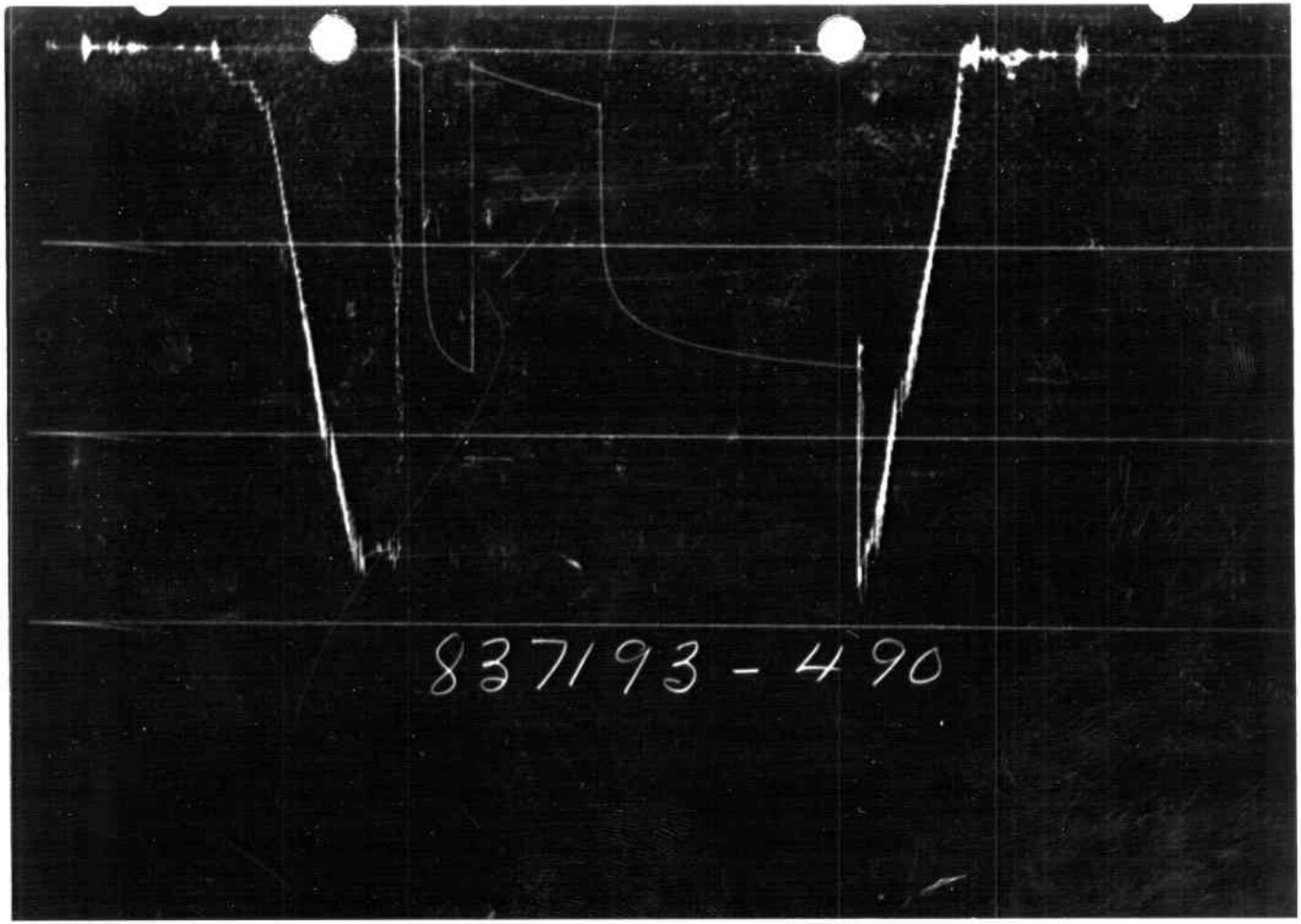
WELL NAME: POISON SPRINGS 1

LOCATION:

DST-NO: 004 REC-NO: 015620 SHUT-IN: 2

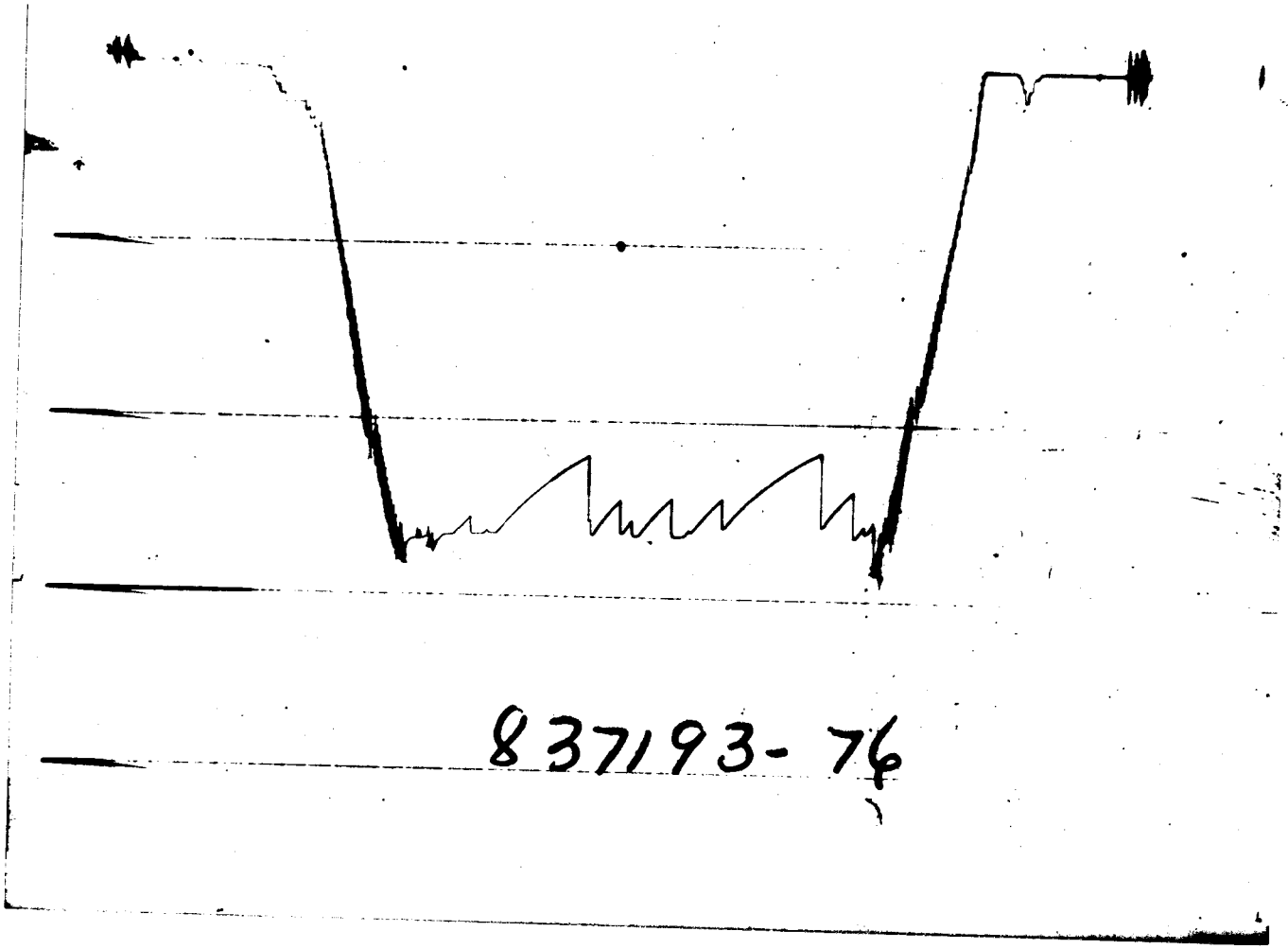



TIME
PRES
837193-198




PRESSURE

TIME


837193-76

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND 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.)

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: Evergreen Oil Corporation

3. ADDRESS OF OPERATOR: 717 N. Harwood, Suite 1100 Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1419' FSL & 660' FEL (NE SE)

5. LEASE DESIGNATION AND SERIAL NO.: U-16861

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

7. UNIT AGREEMENT NAME: Poison Springs Unit

8. FARM OR LEASE NAME: Poison Springs Unit

9. WELL NO.: #1 USA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 24-T31S-R12E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5137' O.G.

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 | [ ] | PULL OR ALTER CASING | [ ] | WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] | FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [X] | SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [X] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] | (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.)*

No zones commercially productive of oil or gas were encountered. Operations to plug and abandon were commenced on May 11, 1981. The hole was circulated with 8.5 ppg mud between plugs.

1. Plug No. 1 - (100' interval) was begun at 5950' to 5850' with 43 sxs 50/50 poz with 2% gel. (Cover top of Mississippian at 5875').

2. Plug No. 2 - (50' interval) was placed at 2470' to 2420' with 13 sxs 50/50 poz with 2% gel. 9-5/8" casing shoe has been circulated to surface with 990 sxs. Tagged casing shoe with cement. The 13-3/8" casing to 295' cement with 395 sxs to the surface was left in the hole.

3. A 20 sx cement plug was set at the top of the surface casing. A marker has been placed on the well. Location is being cleared and prepared for inspection.

Attached is a chronological account of activity during drilling.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/21/81
BY: [illegible]

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

SIGNED [signature] TITLE Engineering Manager DATE 5/28-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POISON SPRINGS FEDERAL UNIT NO. 1
Sec. 24-T31S-R12E
GARFIELD COUNTY, UTAH

---

Formation Tops - (Based on logs)

| HORIZON | DEPTH | SUBSEA |
|---|---|---|
| Mississippian | 5875 | -738 |
| Molas | 5832 | -695 |
| Akah | 5065 | + 72 |
| Desert Creek | 4968 | +169 |
| Base of Ismay | 4890 | +247 |
| Ismay | 4710 | +427 |
| Hermosa | 4050 | +1087 |
| Cedar Mesa | 2715 | +2422 |
| Organ Rock | 2525 | +2612 |

POISON SPRINGS FEDERAL UNIT #1
Sec. 24-T31S-R12E
GARFIELD COUNTY, UTAH

| MEASURED DEPTH (FT) | COURSE LENGTH (HUNDREDS OF FT) | ANGLE OF INCLINATION (DEGREES) | DISPLACEMENT PER 100' (SINE ∠ x 100') | COURSE DISPLACEMENT (FT) | ACCUMULATIVE DISPLACEMENT (FT) |
|---|---|---|---|---|---|
| 100 | 1.0 | ¼ | .436 | .436 | .436 |
| 257 | 1.57 | ¼ | .436 | .685 | 1.121 |
| 344 | .87 | 3/4 | 1.309 | 1.139 | 2.260 |
| 490 | 1.46 | 3/4 | 1.309 | 1.911 | 4.171 |
| 520 | .30 | ½ | .873 | .262 | 4.433 |
| 590 | .70 | ½ | .873 | .611 | 5.044 |
| 1003 | 4.13 | 3/4 | 1.309 | 5.406 | 10.45 |
| 1232 | 2.29 | ½ | .873 | 1.998 | 12.448 |
| 1448 | 2.16 | 3/4 | 1.309 | 2.827 | 15.276 |
| 1571 | 1.23 | 1 | 1.745 | 2.147 | 17.422 |
| 1635 | .64 | 1½ | 2.618 | 1.675 | 19.098 |
| 1690 | .55 | 3/4 | 1.309 | 0.720 | 19.818 |
| 1751 | .61 | ½ | .873 | .532 | 20.350 |
| 1845 | .94 | ¼ | .436 | .410 | 20.760 |
| 1907 | .62 | 3/4 | 1.309 | .812 | 21.572 |
| 2031 | 1.24 | ¼ | .436 | .541 | 22.113 |
| 2154 | 1.23 | ½ | .873 | 1.073 | 23.186 |
| 2205 | .51 | ½ | .873 | .445 | 23.631 |
| 2339 | 1.34 | ¼ | .436 | .585 | 24.216 |
| 2527 | 1.88 | 2½ | 4.362 | 8.200 | 32.416 |
| 2559 | .32 | 1½ | 2.618 | .838 | 33.254 |
| 2651 | .92 | 2¼ | 3.926 | 3.612 | 36.866 |
| 2680 | .29 | 1-3/4 | 3.054 | .886 | 37.751 |
| 2744 | .64 | 1½ | 2.618 | 1.675 | 39.427 |
| 2795 | .51 | 1½ | 2.618 | 1.335 | 40.762 |
| 2929 | 1.34 | 2 | 3.490 | 4.677 | 45.438 |
| 2990 | .61 | 2 | 3.490 | 2.129 | 47.567 |
| 3053 | .63 | 1-3/4 | 3.054 | 1.924 | 49.491 |
| 3155 | 1.02 | 2 | 3.490 | 3.560 | 53.051 |
| 3363 | 2.08 | 2-3/4 | 4.798 | 9.979 | 63.030 |
| 3435 | .72 | 3 | 5.234 | 3.768 | 66.798 |
| 3486 | .51 | 3 | 5.234 | 2.669 | 69.468 |
| 3548 | .62 | 4¼ | 7.411 | 4.595 | 74.062 |
| 3620 | .72 | 2 | 3.490 | 2.513 | 76.575 |
| 3706 | .86 | 3¼ | 5.669 | 4.876 | 81.451 |
| 3768 | .62 | 3¼ | 5.669 | 3.515 | 84.966 |
| 3798 | .30 | 2-3/4 | 4.798 | 1.439 | 86.405 |
| 3891 | .93 | 2-3/4 | 4.798 | 4.462 | 90.867 |
| 3952 | .61 | 2½ | 4.362 | 2.661 | 93.528 |
| 4014 | .62 | 2¼ | 3.926 | 2.434 | 95.962 |
| 4105 | .91 | 2 | 3.490 | 3.176 | 99.138 |
| 4228 | 1.23 | 1-3/4 | 3.054 | 3.756 | 102.894 |
| 4844 | 6.16 | ¼ | .436 | 2.688 | 105.582 |
| 5206 | 3.62 | 0 | 0 | 0 | 105.582 |
| 5658 | 4.52 | 3/4 | 1.309 | 5.916 | 111.498 |
| 6096 | 4.38 | ½ | .873 | 3.822 | 115.320 |
| TD 6150 | .54 | ½ | .873 | .471 | 115.792 |

OPERATIONS DEPT.
JUL 30 1981

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
*Executive Director,*
*NATURAL RESOURCES*

CLEON B. FEIGHT
*Director*

**STATE OF UTAH**
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
*Chairman*

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
WANDA P. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

RECEIVED
AUG 05 1981
DIVISION OF
OIL, GAS & MINING

July 27, 1981

Evergreen Oil Corporation
717 North Harwood, Suite 1100
Dallas, Texas 75201

Re: Well No. Poison Springs Unit #1 USA
Sec. 24, T. 31S, R. 12E
Garfield County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned 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, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates

Sandy Bates
Clerk-Typist

/lm
Enclosures

DJL
KHF
ARH
RLL
EAR
FILE

# EVERGREEN OIL CORPORATION

August 3, 1981

RECEIVED
AUG 05 1981
DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Sandy Bates

Re: Poison Springs Unit #1 USA
Sec. 24, T31S-R12E
Garfield County, Utah

Dear Ms. Bates;

Regarding your July 27, 1981 letter request, attached hereto are the approved State of Utah reports including the Form OGC-3. Copies of the logs and the drill-stem test data were also sent with the original package on the subject well.

I hope this will complete your file on this well.

Very truly yours,

A. R. Hensley
Engineering Manager

ARH/rll
Attachment

717 NORTH HARWOOD • DIAMOND SHAMROCK TOWER • SUITE 1100 • DALLAS, TEXAS 75201 • 214 744-0106

Form OGCC-3

3 9

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

# 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 P & A

2. NAME OF OPERATOR: Evergreen Oil Corporation

3. ADDRESS OF OPERATOR: 717 N. Harwood, Suite 1100 Dallas, Texas 75201

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

At surface: 1419' FSL & 660' FEL (NE SE)

At top prod. interval reported below: N/A

At total depth: 6150' - BHL within 116' of surface loc.

5. LEASE DESIGNATION AND SERIAL NO.: U-16861

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

7. UNIT AGREEMENT NAME: Poison Springs Unit

8. FARM OR LEASE NAME: Poison Springs Unit

9. WELL NO.: #1 USA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 24-T31S-R12E

12. COUNTY OR PARISH: Garfield

13. STATE: Utah

14. PERMIT NO.: 43-017-30101 DATE ISSUED: 1-13-81

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 3/23/81 | 5/3/81 | N/A | 5137 GR | 5137 |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 6150 | N/A | N/A | → | All intervals | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: N/A

25. WAS DIRECTIONAL SURVEY MADE: Yes-inclination surveys

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-SP-Sonic-CNL-FDC-DIL, Mud log

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# | 295 | 17½ | 395 sxs Cl "G" | none |
| 9-5/8" | 36#/ft | 2432 | 12¼ | 990 sxs Cl "G" | none |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|---|---|---|---|---|
| N/A | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| N/A | | |

31. PERFORATION RECORD (*Interval, size and number*): N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| N/A | |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*) |
|---|---|---|
| N/A | | P + A |

| 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.*): N/A

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS

* Record of hole inclination, mud log, GR-SP-Sonic-CNL-FDC-DIL & DST 1,2,3,4, & 5

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

SIGNED [signature] TITLE Engineering Manager DATE 5-28-81

*(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, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---|---|---|---|
| Barker Creek | 5570 | 5670 | DST #2 - recovered 634' of mud cut by salt water and saltwater. No cushion. 1st flow - ½ hr. |
| Ismay | 4733 | 4853 | DST #4 - recovered 556' of fluid: 123' mud and 433' of salt water. No cushion. 1st flow ½ hr - 116 psi, 1st SIP - 2016 at 1 hour, 2nd flow 2½ hrs - 252 psi & 2nd SIP 1831 psi at 5 hrs. |
| Mississippian | 6070 | 6150 | DST #5 - recovered 3661' of fluid: 462' of mud cut by salt water and 3199' of salt water. No cushion. 1st flow ½ hr 927 psi, 1st SIP 2108 psi after 1 hr, 2nd flow of 2½ hrs - 1000 psi and 5 hr shut in of 2108 psi. |
| | | | NOTE: DST #1 and #2 were aborted due to mechanical problems. |

**38. GEOLOGIC MARKERS**

| NAME | TOP MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|---|---|---|
| Mississippian | 5875 | |
| Molas | 5832 | |
| Akah | 5065 | |
| Desert Creek | 4968 | |
| Base of Ismay | 4890 | |
| Ismay | 4710 | |
| Hermosa | 4050 | |
| Cedar Mesa | 2715 | |
| Organ Rock | 2525 | |

FILE IN TRIPLICATE
FORM OGC-8-X

56 64 03

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

# *REPORT OF WATER ENCOUNTERED DURING DRILLING*

*Well Name & Number* Poison Springs Federal Unit #1

*Operator* Evergreen Oil Corporation *Address* 717 N. Harwood, Suite 1100, Dallas, Tex 75201

*Contractor* Carter Baron *Address* P.O. Box 2859 Grand Junction, Colorado 81502

*Location* NE ¼ SE ¼ *Sec.* 24 *T:* 31S R. 12E *County* Garfield

Water Sands - During the course of drilling this well, no water flows were encountered. Mud weight was near that of fresh water varying from 8.3 ppg to 8.9 ppg throughout drilling operations.

| Depth | | Volume | Quality |
|---|---|---|---|
| From | To | Flow Rate or Head | Fresh or Salty |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

(Continue of reverse side if necessary)

*Formation Tops* - List attached

*Remarks* - Total depth 6150' (-1013 SS)

NOTE: (a) *Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.*

(b) *If a water analysis has been made of the above reported zone, please forward a copy along with this form.*

EVERGREEN OIL CORPORATION
POISON SPRINGS UNIT#1

Sec.4,T31S-R12E
GARFIELD COUNTY, UTAH

CONTENTS


| | PAGE |
|---|---|
| 1. SUMMARY OF DAILY ACTIVITY | 1-2 |
| 2. BIT RECORD SHEET | 3 |
| 3. DEVIATION RECORD SHEET | 4-5 |


(1) Copy-Final Mud Log (5"= 100')
(1) Copy-Final Mud Log (2.5"=100')

| | |
|---|---|
| Drilling Contractor: | Carter Baron Drilling Rig#6<br>Grand Junction, Colorado 81501 |
| Drilling Foreman: | Mr. Ernie Mise<br>Mr. Bud Roden |
| Mud Logger: | Mr. Drew Bavin & Mr. George Pitcher<br>Mr. Frank Steinhauer,Mr. Tim Pietsch<br>Smith Mud Logging, Delta Colorado |
| Drilling Fluid: | Mr. Jerry Scoby<br>Western Mud<br>Grand Junction, Colorado 81501 |
| Wire Line Logs: | Mr. John Sorinson<br>Johnson Testors<br>Rocks Springs, Wyoming |

# SUMMARY OF DAILY ACTIVITY

| DATE | ACTIVITY | MIDNITE DEPTH | 24 HOUR FOOTAGE |
|---|---|---|---|
| 3-23-81 | Unit #1107 on location, rigged up | 128 | |
| 3-24-81 | Drilling, work on pump | 210 | 82 |
| 3-25-81 | Drilling, toh circ. | 344 | 134 |
| 3-26-81 | Trip out for caseing, circ. | 344 | 0 |
| 3-27-81 | Caseing | 344 | 0 |
| 3-28-81 | Caseing and nippleing up | 344 | 0 |
| 3-29-81 | Nipple up, work on sand line, drilling | 480 | 136 |
| 3-30-81 | Drilling | 614 | 46 |
| 3-31-81 | Drilling, fix pump #2 | 1044 | 430 |
| 4-01-81 | Drilling | 1526 | 482 |
| 4-02-81 | Toh to adjust drill string, drilling | 1662 | 136 |
| 4-03-81 | Drilling | 1861 | 199 |
| 4-04-81 | Drilling | 2074 | 213 |
| 4-05-81 | Drilling | 2278 | 204 |
| 4-06-81 | Drilling, started caseing | 2430 | 152 |
| 4-07-81 | Caseing | 2430 | 0 |
| 4-08-81 | Caseing, tih for air drill., toh | 2430 | 0 |
| 4-09-81 | Tih for mud drilling | 2430 | 0 |
| 4-10-81 | Drilling | 2619 | 189 |
| 4-11-81 | Drilling | 2801 | 182 |
| 4-12-81 | Drilling | 2976 | 175 |
| 4-13-81 | Drilling | 3160 | 194 |
| 4-14-81 | Toh for bit #5, drilling | 3290 | 130 |
| 4-15-81 | Reaming hole, drilling | 3298 | 8 |
| 4-16-81 | Drilling | 3506 | 208 |
| 4-17-81 | Drilling | 3655 | 149 |
| 4-18-81 | Drilling | 3765 | 110 |
| 4-19-81 | Drilling | 3990 | 225 |
| 4-20-81 | Drilling | 4105 | 115 |
| 4-21-81 | Drilling | 4273 | 168 |
| 4-22-81 | Drilling | 4425 | 152 |

| | | | |
|---|---|---|---|
| 4-23-81 | Drilling | 4560 | 135 |
| 4-24-81 | Drilling | 4747 | 187 |
| 4-25-81 | Drilling, toh for bit #9, tih | 4865 | 118 |
| 4-26-81 | Drilling | 5008 | 143 |
| 4-27-81 | Drilling | 5153 | 145 |
| 4-28-81 | Drilling | 5222 | 69 |
| 4-29-81 | Drilling | 5449 | 227 |
| 4-30-81 | Toh for bit #10, tih, drilling | 5657 | 208 |
| 5-01-81 | Drilling | 5796 | 139 |
| 5-02-81 | Drilling | 5990 | 194 |
| 5-03-81 | Drilling, circulate at poss. TD | 6150 | 60 |

EVERGREEN OIL CORPORATION

POISON SPRINGS UNIT#1

## BIT RECORD



| Bit# | Type | Depth Out | Footage | Hours |
|---|---|---|---|---|
| 1 | DG-J | 344 | 285 | 38 |
| 2 | F-2 | 2430 | 2084 | 148 3/4 |
| 3 | F-3 | 2888 | 454 | 52 1/4 |
| 4 | FP-53 | 3198 | 410 | |
| 5 | S-88 | 3658 | 360 | 44 1/2 |
| 6 | S-88 | 4083 | 426 | 49 1/2 |
| 7 | S-88 | 4438 | 354 | 52 3/4 |
| 8 | S-88 | 4844 | 406 | 50 3/4 |
| 9 | S-88 | 5206 | 362 | 60 3/4 |
| 10 | S-88 | 5657 | 451 | 544 |
| 11 | S-88 | 6097 | 438 | 49 1/2 |
| 12 | S-88 | 6150 | 54 | 3 1/2 |

EVERGREEN OIL CORPORATION

POISON SPRINGS UNIT#1

## DEVIATION RECORD



| Depth | Deviation |
|---|---|
| 344 | 1/4° |
| 411 | 3/4° |
| 490 | 3/4° |
| 520 | 1/2° |
| 578 | 1/2° |
| 583 | 3/4° |
| 614 | 3/4° |
| 674 | 1/2° |
| 705 | 1/2° |
| 767 | 1/2° |
| 887 | 3/4° |
| 918 | 3/4° |
| 1003 | 3/4° |
| 1232 | 1/2° |
| 1448 | 3/4° |
| 1571 | 1° |
| 1635 | 1 1/2° |
| 1751 | 3/4° |
| 1845 | 1/4° |
| 1907 | 3/4° |
| 2031 | 1/4° |
| 2124 | 1/2° |
| 2205 | 1/2° |
| 2308 | 1/4° |
| 2527 | 2 3/4° |
| 2559 | 2° |
| 2651 | 2 1/4° |
| 2744 | 1 1/2° |
| 2805 | 1 1/2° |
| 2856 | 1 3/4° |
| 2929 | 2° |
| 2991 | 2° |
| 3053 | 1 3/4° |

| | |
|---|---|
| 3108 | 1 3/4° |
| 3146 | 2° |
| 3208 | 2° |
| 3238 | 2° |
| 3298 | 2° |
| 3362 | 2 3/4° |
| 3424 | 2 3/4° |
| 3486 | 3° |
| 3548 | 3 1/4° |
| 3620 | 3° |
| 3674 | 3 1/4° |
| 3737 | 3 1/4° |
| 3798 | 2 3/4° |
| 3860 | 2 3/4° |
| 3891 | 2 3/4° |
| 3922 | 2 1/4° |
| 4014 | 2 1/4° |
| 4104 | 2° |
| 4226 | 1 3/4° |
| 4438 | 1/4° |
| 4844 | 1/4° |
| 5206 | 1/4° |
| 5658 | 3/4° |
| 6096 | 1/2° |

EVERGREEN OIL CORP.
Poison Springs Unit#1
Sec.4,T31S-R12E
Garfield County
Utah