

**FILE NOTATIONS**

Entered in MID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Well Completed *11/11/79*  
..... NW..... LA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... MI-L..... Sonic.....  
CBLog..... CLog..... Others.....

*11/2/79 - Date of first production*

*Operator Name Change 10-2-81*

DAVIS OIL COMPANY

100 - 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202  
TELEPHONE: 303-623-1000

NEW YORK  
NEW ORLEANS  
HOUSTON  
TULSA



June 13, 1979

Mr. Cleon B. Feight  
Department of Natural Resources  
Division Oil, Gas and Mining  
1588 W. North Temple  
Salt Lake City, Utah 84116



Re: #1 Nathan Fee  
NW NE Sec. 16-T40S-R22E  
San Juan, Utah 84116

Dear Mr. Feight:

Enclosed please find for your approval, an original and two copies of the Application for Permit to Drill, together with three copies of the Staking Plat covering the drilling of the captioned proposed test.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

Marlis E. Smith  
Chief Geologist

MES/fd

Enclosures

0-1

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

b. TYPE OF WELL  
 OIL WELL                       GAS WELL                       OTHER                       SINGLE ZONE                       MULTIPLE ZONE

2. NAME OF OPERATOR  
 Davis Oil Company

3. ADDRESS OF OPERATOR  
 410 Seventeenth Street - Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface NW NE Sec. 16-T40S-R22E 700' FNL & 2000' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 2 1/2 Miles SW of drillsite

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

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL --

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640' E

19. PROPOSED DEPTH 5870'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4771' GR - 4783' KB

22. APPROX. DATE WORK WILL START\* on approval

5. LEASE DESIGNATION AND SERIAL NO.  
 FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 ---

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 Nathan Fee

9. WELL NO.  
 #1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA  
 16-T40S-R22E

12. COUNTY OR PARISH 13. STATE  
 San Juan Utah

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8" OD	36#, K55, STC, New,	350'	cement to surface
8 3/4"	5 1/2" OD	15.5#, K55, LTC, New,	5870'	300 sxs. Est.

OBJECTIVE: Desert Creek  
 LOGGING: Dual Induction Laterolog from base of surface casing to total depth. FDC CNL over zones and interest. BHC Sonic over zones of interest.  
 MUD PROGRAM: 0-350' Spud Mud  
 350-2500' Treated Water  
 2500'-TD LSND, 9.0-9.2 ppg (Mud wt. as required to control Formation Pressure) Vis 35-40, 10 cc WL, pH 10.0. Sufficient mud materials and properties, control lost circulation and to contain blowout will be available at wellsite.  
 STIMULATION: Desert Creek - approx. 40,000 gal 29% HCl. Actual volumem of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

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.

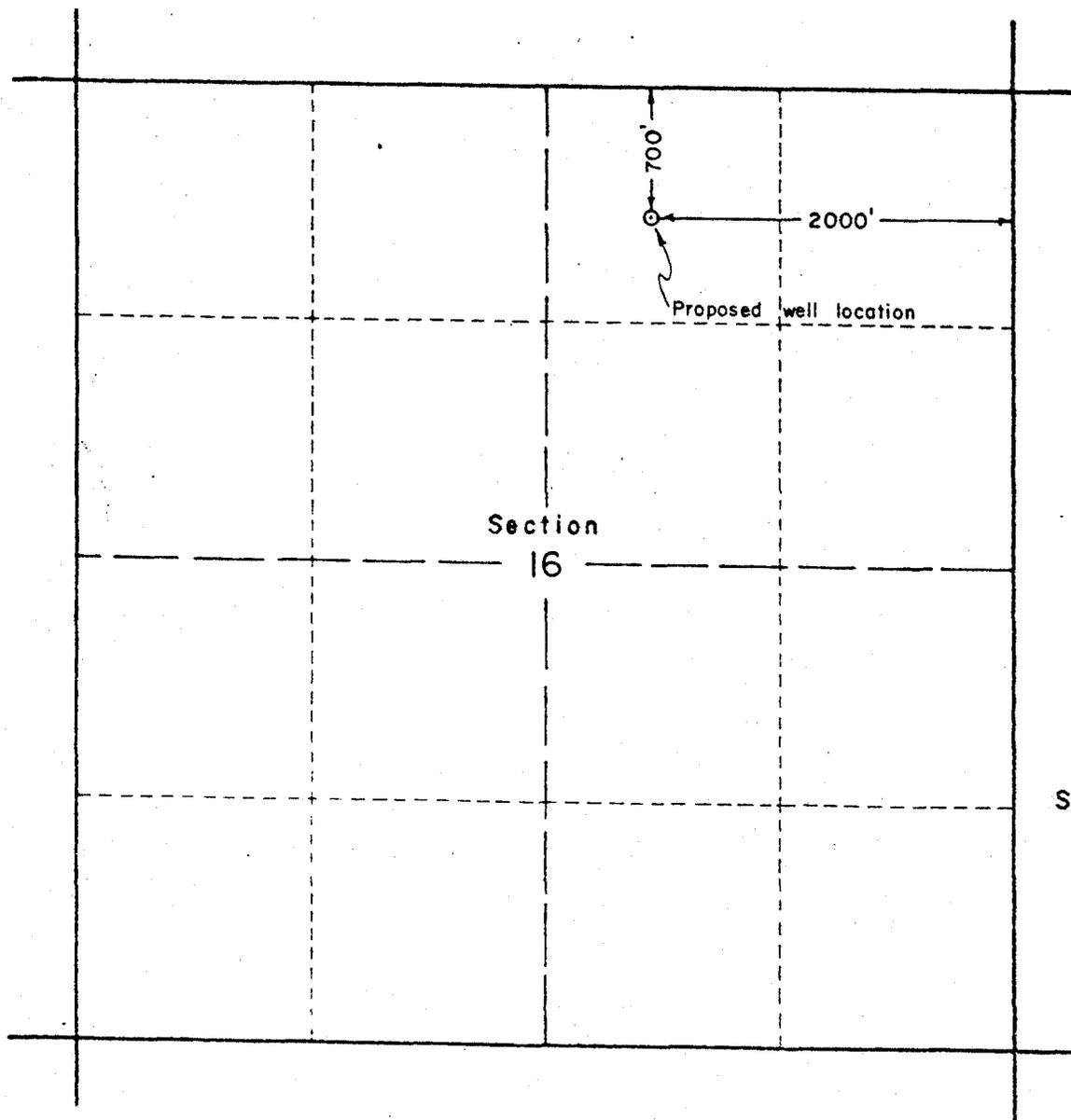
24. SIGNED Marlis E. Smith TITLE Chief Geologist DATE June 13, 1979  
 Marlis E. Smith

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



**WELL LOCATION: Davis Oil Co. Nathan Fee No.1**

Located 700 feet South of the North line and 2000 feet West of the East line of Section 16  
 Township 40 South                      Range 22 East                      Salt Lake Base & Meridian  
 San Juan County, Utah.  
 Existing ground elevation determined at 4771 feet based on U.S.G.S. datum.

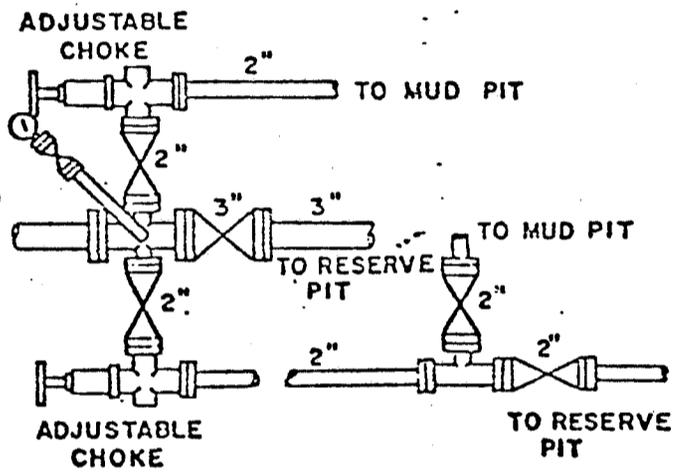
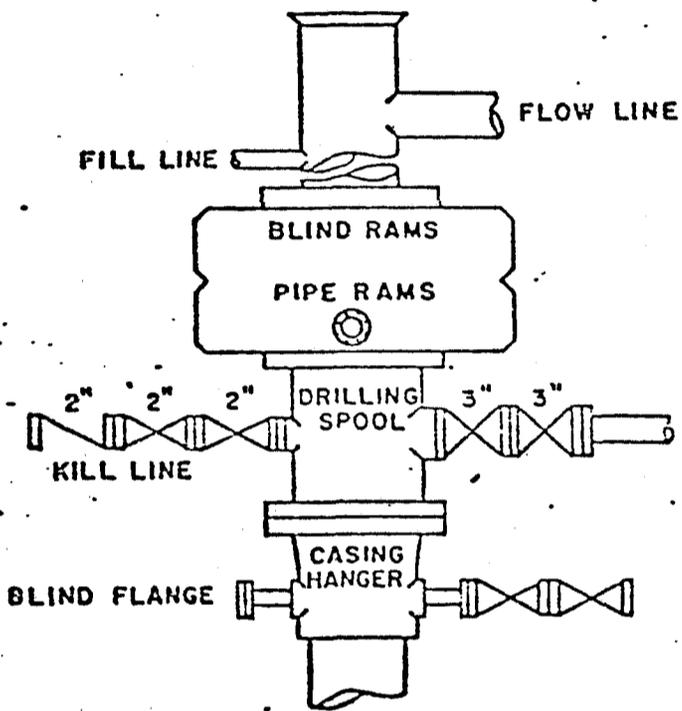
I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor



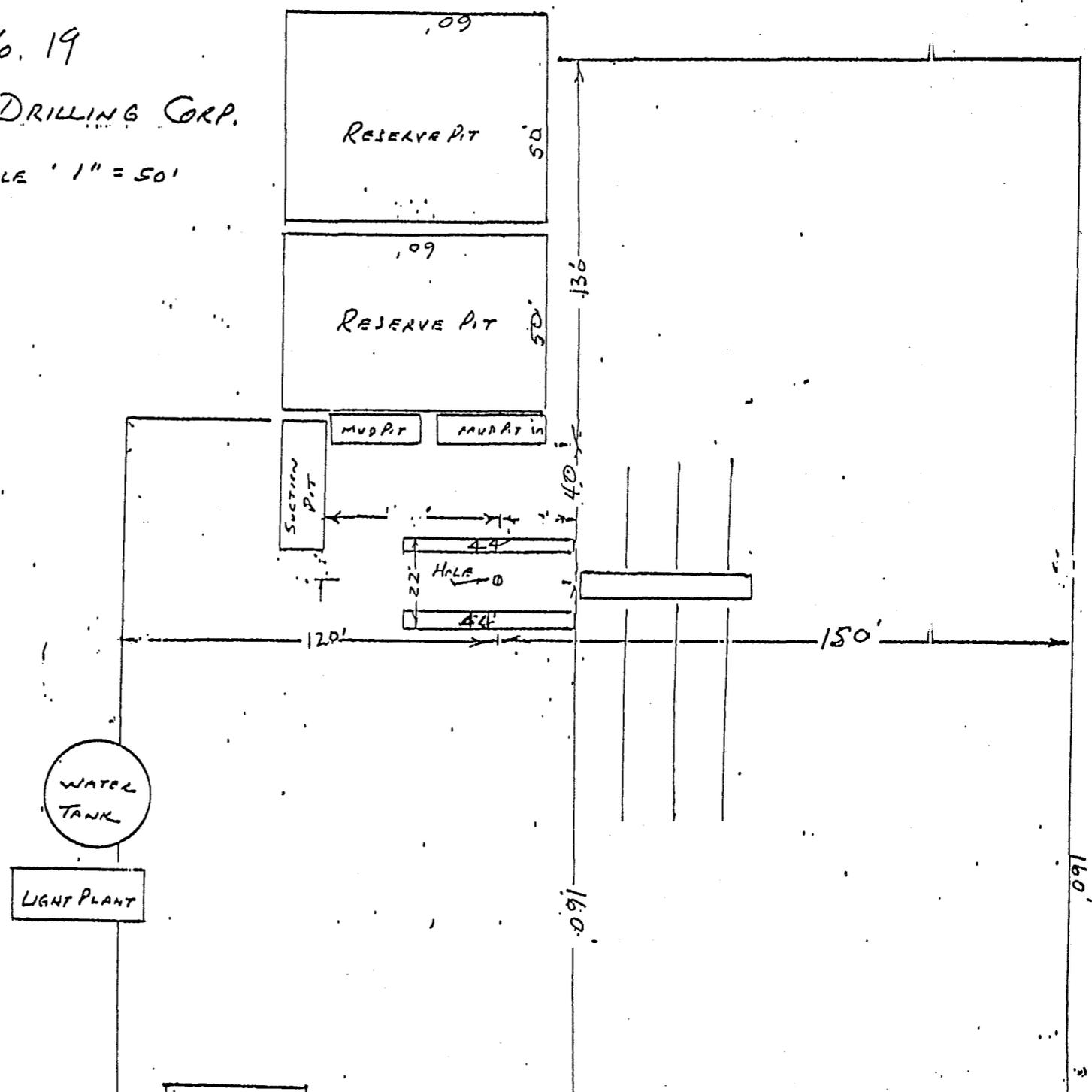
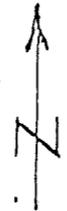
DAVIS OIL CO. DENVER, COLO.
WELL LOCATION PLAT Nathan Fee No.1 Sec.16, T40 S, R22 E San Juan Co., Utah

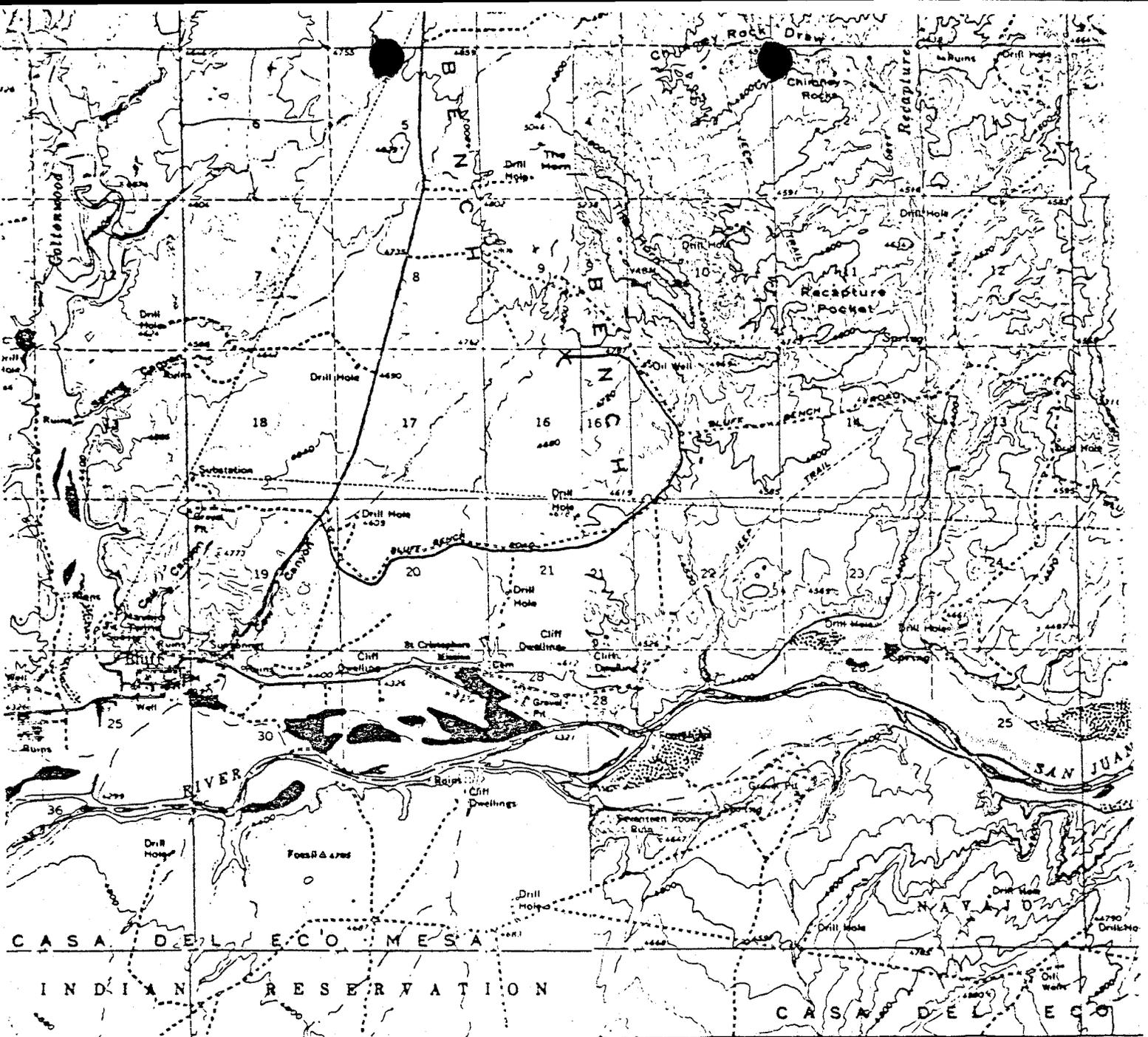


12" 900 series Shaffer type 48

B.O.P. Whopper Double 1 1/2" 12" X 900 Series

RIG No. 19  
CACTUS DRILLING CORP.  
APPROX SCALE '1" = 50'





R 21 E R 22 E INTERPOL- GEOLOGICAL SURVEY WASHINGTON D. C. 1962 109° 30' 2 990 000 FEET R. 22 E. R. 23 E.

**ROAD CLASSIFICATION**

Medium-duty ——— Light-duty ———  
 Unimproved dirt - - - - -  
 ○ State Route

The west half of this area also covered by 7.5-minute 1:24,000 scale maps: Bluff NW 1962 and Bluff SW 1962

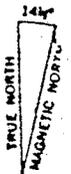
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

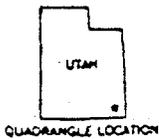
Topography by photogrammetric methods from aerial photographs taken 1959. Field checked 1962

Polyconic projection. 1927 North American datum  
 10,000-foot grid based on Utah coordinate system, south zone  
 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Where omitted, land lines have not been established



APPROXIMATE M1 DECLINATION, 15



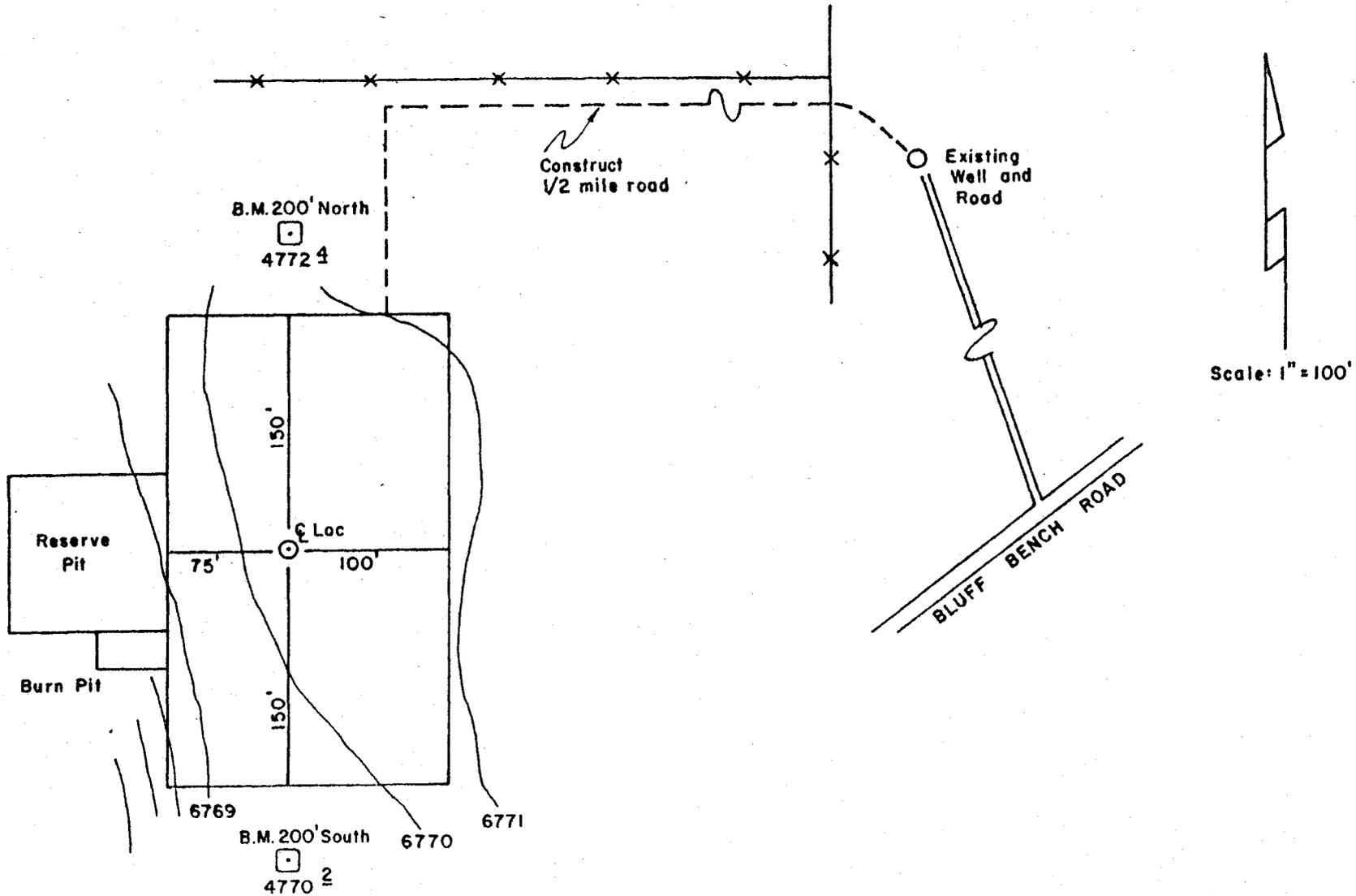
QUADRANGLE LOCATION

**BLUFF, UTAH**  
 N3715—W10930/15

1962

RECOMMEND THIS ACCESS





I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*  
**FREDERICK H. REED**  
 Registered Land Surveyor



DAVIS OIL CO. DENVER, COLO.	
WELL SITE PLAN Nathan Fee No. 1 Sec. 16, T40S, R22E San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: May 22, 1979 FILE NO.: 79009

GENERAL POWER OF ATTORNEY

No. 89137

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

G. G. Lowe

of the City of Denver, State of Colorado its true and lawful attorney

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

G. G. Lowe

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 22nd day of November, A. D. 1978

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed) D. H. Meehan Vice-President

(SEAL)

(Signed) William J. Phelan Assistant Secretary

STATE OF MARYLAND, BALTIMORE CITY, }

On this 22nd day of November, A. D. 1978, before me personally came D. H. Meehan, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and William J. Phelan, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they, the said D. H. Meehan and William J. Phelan were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commission expires the first day in July, A. D. 1982 (Signed) Margaret M. Hurst Notary Public

STATE OF MARYLAND BALTIMORE CITY, } Sgt.

I, Robert H. Bouse, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Margaret M. Hurst, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 22nd day of November, A. D. 1978 (Signed) Robert H. Bouse Clerk of the Superior Court of Baltimore City

COPY OF RESOLUTION

That *Whereas*, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, *be it Resolved*, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada, or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required, permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

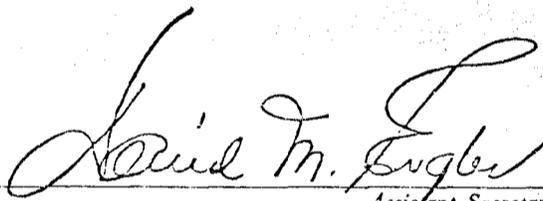
I, David M. Engler, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to

G. G. Lowe

of Denver, Colorado, authorizing and empowering him to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on July 5, 1979  
(Date)

  
Assistant Secretary.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: June 21, 1979

Operator: Davis Oil Company

Well No: Nathan Fee #1

Location: Sec. 16 T. 40S R. 22E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-037-30491

CHECKED BY:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer: M. J. Minder 7-5-79

Remarks: Hold for Bond.

Director: \_\_\_\_\_

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

7. Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

Surface Casing Change   
to \_\_\_\_\_

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

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

#5

ltm

Letter Written/Approved

July 5, 1979

Davis Oil Company  
410 Seventeenth Street  
Denver, Colorado 80202

Re: Well No. Nathan Fee #1  
Sec. 16, T. 40S, R. 22E,  
San Juan County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted contingent upon a drilling and plugging bond being filed with this Division.

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 - Geological Engineer  
Home: 876-3001  
Office: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) 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 43-037-30491.

Sincerely yours,

DIVISION OF OIL, GAS AND MINING

MICHAEL T. MINDER  
GEOLOGICAL ENGINEER

/btm



UNITED STATES FIDELITY AND GUARANTY COMPANY

SALT LAKE CITY OFFICE

25 SOUTH THIRD EAST, SALT LAKE CITY, UTAH 84111

TELEPHONE: 801/532-5656

ROGER BAIRD  
CLAIM SUPERINTENDENT

July 10, 1979

*Original to  
Shelia Busby*

State of Utah  
Dept. of Natural Resources  
Division of Oil & Gas Conservation  
1588 W. North Temple  
Salt Lake City, Utah

Please find attached a Conservation Resource Bond in the name of Davis Oil Company of Denver, Colorado. We hope that you find it in order and that it may be filed with your office on behalf of our Denver branch office. If any questions should arise please feel free to contact this office .

*Leslie Jo Kutzler*  
Leslie Jo Kutzler  
Bond Department

U. S. F. & G.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION

19-0130-1145-79

B O N D

KNOW ALL MEN BY THESE PRESENTS,

That  
We: DAVIS OIL COMPANY

of the \_\_\_\_\_ in the \_\_\_\_\_  
County of: Denver State of: Colorado

as Principal,  
and UNITED STATES FIDELITY AND GUARANTY COMPANY

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil and Gas Conservation, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to-wit; \_\_\_\_\_

#1 Nathan fee - All Sections 16-40S-ZZE., S.L.M.-San Juan County, Utah  
(May be used as a blanket bond or for a single well)

D-8552-A Etc Arthur L. Wood, etal

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil and Gas Conservation of the State, including, but not limited to; the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

\*Penal Sum of FIVE THOUSAND AND NO/100 DOLLARS - (\$ 5,000.00) State of Utah

Witness our hands and seals, this 5th day of July, 1979

DAVIS OIL COMPANY, a Partnership

By Paul Messinger  
Principal

Paul Messinger, Attorney in Fact

Witness our hands and seals, this \_\_\_\_\_ day of \_\_\_\_\_

UNITED STATES FIDELITY AND GUARANTY COMPANY

By: G. G. Lowe  
Surety

Attorney-In-Fact  
G. G. Lowe

Approved as to form and execution:

ATTORNEY GENERAL

By: \_\_\_\_\_

Date: \_\_\_\_\_

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany this bond)

W E L L   R E P O R T

DAVIS OIL COMPANY

Section 16, T40S - R22E  
San Juan County, Utah

By: Ronald J. Chohamin  
ENER-SEARCH, INC.  
August 1979

WELL: Nathan Fee, No. 1; Broken Hills Prospect  
OPERATOR: Davis Oil Company  
COMMENCED DRILLING: July 20, 1979  
CONTRACTOR: Cactus Drilling, Inc.  
Toolpusher: David John  
LOCATION: 700' FNL - 2000' FEL, Section 16,  
Township 40 South, Range 22 East  
COUNTY: San Juan  
STATE: Utah  
LOGS: Mud log (Ener-Search)  
Dual Induction - Laterolog  
Neutron-Formation Density  
Borehole Compensated Sonic, (Schlumberger)  
COMPLETED DRILLING: August 17, 1979

WELL REPORT  
NATHAN FEE NO. 1

F O R M A T I O N   T O P S

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION (KB)</u>
Navajo	670'	4112'
Kayenta	1140'	3642'
Wingate <i>fresh</i>	1248'	3534'
Chinle <i>shale</i>	1580'	3202'
Shinarump	2295'	2487'
Moenkopi	2530'	2252'
DeChelly	2680'	2102'
Organ Rock(Cutler)	2748'	2034'
Cedar Mesa(Cutler)	3380'	1402'
Honaker Trail	4650'	132'
Upper Ismay	5588'	-806'
Lower Ismay	5692'	-910'
Gothis Chale	5743'	-961'
Desert Creek	5792'	-1010'
(Base)	5891'	-1109'
TOTAL DEPTH (Log-KB)	5917'	-1135'

## WELL REPORT

NATHAN FEE, NO. 1

C H R O N O L O G I C A L      H I S T O R Y

<u>DATE</u>	<u>DEPTH (8:00 A.M.)</u>	<u>DAY OF OPERATION</u>	<u>COMMENTS</u>
7/20/79	0'	1	Spud hole, drill surface
7/21/79	357'	2	Ran casing to 357', W.O.C.
7/22/79	357'	3	W.O.C. & dri-ling
7/23/79	440'	4	Drilling and stuck pipe at 1132'
7/24/79	1132'	5	Stuck and drilling
7/25/79	1717'	6	Drilling until rig breakdown
7/26/79	1894'	7	Rig down for repairs
7/27/79	1894'	8	Drilling
7/28/79	2552'	9	Drilling until rig breakdown
7/29/79	2552'	10	Rig down for repairs
7/30/79	2552'	11	"
7/31/79	2552'	12	"
8/1/79	2552'	13	"
8/2/79	2552'	14	Rig down for repairs, & Drilling
8/3/79	2860'	15	Drilling
8/4/79	3000'	16	Drilling
8/5/79	3310'	17	Drilling
8/6/79	3647'	18	Drilling
8/7/79	3973'	19	Drilling
8/8/79	4262'	20	Drilling
8/9/79	4450'	21	Trip for bit & drilling
8/10/79	4652'	22	Drilling
8/11/79	4840'	23	Drilling
8/12/79	5060'	24	Drilling
8/13/79	5276'	25	Drilling, & trip for bit
8/14/79	5493'	26	Drilling
8/15/79	5603'	27	Drilling
8/16/79	5812'	28	Drilling to total depth, 5915
8/17/79	5915'	29	Logging & evaluation
8/18/79	5915'	30	Collect data & ran casing

WELL REPORT  
NATHAN FEE, NO. 1

B I T R E C O R D

<u>BIT #</u>	<u>SIZE</u>	<u>MFG</u>	<u>TYPE #</u>	<u>DEPTH OUT</u>	<u>FEET DRILLED</u>	<u>ROTATING HRS</u>
1	12 $\frac{1}{4}$	HTC	OSC-3(RR)	355'	355'	14
2	7-7/8	Smith	F-2	2552'	2197'	79
3	7-7/8	Smith	F-2	4450'	1898'	141
4	7-7/8	HTC	J-33	5497'	1047'	114 $\frac{1}{2}$
5	7-7/8	Smith	F-3	5915 T.D.	418'	47

DAVIS OIL COMPANY  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
4500-10	Shale, brick red & maroon red, maroon & redbrown, silty in part, grades to siltstone; sandstone, white, buff & light gry, very fine to fine grain, sub-angular to sub-rounded, tight; anhydrite, white to buff & light gry.
4510-20	Sample as above, occasional trace of limestone, tan-gray.
4520-30	Shale, sandstone, anhydrite and limestone as above, w/shales light to medium gray.
4530-40	Sample, as above.
4540-50	Shale, brick red, maroon red & red-brown, silty in part, also light to medium gray; siltstone, brick red, argillaceous, w/trace anhydrite, white.
4550-60	Sample, as above.
4560-70	Sample, as above.
4570-80	Shale, as above, with increasing amount of light to medium-gray, siltstone, brick red & red-brown, argillaceous; trace of anhydrite, white to pink; occasional trace of chert, pale pink.
4580-90	Sample, as above.
4590-4600	Sample, as above.
4600-10	Shlae, as above with decreasing amount of light to medium gray; siltstone, as above, trace anhydrite, varicolored, white, pink, maroon.
4610-20	Sample, as above; shale increasing in amount of red-maroon, with anhydrite, as above.
4620-30	Sample, as above.
4630-40	Sample, as above.
4640-50	Sample, as above.
4650-60	Sample, as above.
4660-70	Sample, as above, with increase anhydrite content, white.
4670-80	Shale, maroon-red to brick red & red-brown, silty, siltstone, brick red, argillaceous in part, anhydrite, white to pale pink.
4680-90	Sample, as above, with trace limestone, tan to tan-gray, verifine grain to spary.

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
4690-4700	No sample.
4700-10	Silstone, brick red, red-orange, red-maroon, argillaceous in part; shale, brick-red, red-orange, maroon & red-brown, silty in part; trace limestone, white to lt tan-gray, very fine grain to spary; trace sandstone, clear to buff, medium to coarse grain, sub-angular to rnd., individual grains - poorly cemented.
4710-20	Shale, siltstone, & trace limestone, as above.
4720-30	Silstone, and trace limestone, as above; with shale as above, occasionally medium gray, soft, trace chert, pale orange.
4730-40	Shale, silstone, trace limestone, as above, trace sandstone, white to light gray, very fine to fine grain, tight.
4740-50	No sample.
4750-60	Shale, red, maroon, red-brown, medium gray, silty in part; silstone, brick red to red-brown, argillaceous; trace anhydrite, white; trace sandstone, white, as above.
4760-70	Sample, as above, with trace chert, pale red to gray-red.
4770-80	Sample, as above.
4780-90	Shale and silstone, as above, with limestone white to light gray-tan, spary to chalky & very fine grain, and trace sandstone, white to light gray, very fine grain, tight; trace anhydrite, white, chalky, calcareous in part.
4790-4800	Limestone, shale and silstone as above, with trace anhydrite.
4800-10	Sample, as above.
4810-20	Sample, as above.
4820-30	Shale and silstone, as above, with trace limestone, as above, and sandstone, white, very fine grain, tight; trace anhydrite, white.
4830-40	Sample, as above.
4840-50	Sample, as above.
4850-60	Limestone, white, light gray-tan to gray, occasionally pink, slightly shaley in part; with shale, red to brown, maroon and gray, silty; and silstone, red to brown & maroon, argillaceous; occasional trace anhydrite, white.
4860-70	Sample, as above.

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
4870-80	Shale and silstone, as above, with occasional trace anhydrite and limestone, as above.
4880-90	Sample, as above.
4890-4900	Sample, as above.
4900-10	Sample, as above.
4910-20	Sample, as above, with slight increase in limestone content.
4920-30	Limestone, white, spary to chalky, and buff, occasionally very fine grain, with shale gray, slightly calcareous, red to brown, silty; and silstone, as above, trace anhydrite, white.
4930-40	Shale, gray, slightly calcareous, and red to brown, silty; silstone, as above; with trace limestone, and anhydrite, as above.
4940-50	Sample, as above.
4950-60	Anhydrite, white to gray-white, soft, with shale and silstone, as above, trace limestone.
4960-70	Sample, as above with increased limestone content, white, to gray-tan, very fine grain to spary, and chalky.
4970-80	Sample, as above.
4980-5000	No sample.
5000-10	Limestone, as above, with shale, gray, slightly calcareous; and shale and silstone red to brown and maroon, trace anhydrite.
5010-20	Sample, as above.
5020-30	Sample, as above.
5030-40	Sample, as above.
5040-50	Sample, as above.
5050-60	Limestone, white, buff, light gray-tan to gray, chalky, very fine grain occasionally spary; shale, gray, shale & siltstone(cave), red-orange to red-brown, maroon.
5060-70	Sample, as above.
5070-80	Sample, as above,

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
5080-5090	Sample, as above, w/occasional trace chert, orange-red.
5090-5100	Sample, as above, w/occasional trace chert, orange-red.
5100-10	Shale, gray, limestone, gray, very fine grain, white to light gray-tan, chalky to spary, w/shale & silstone(cave) as above.
5110-20	Sample, as above.
5120-30	Limestone, as above, with shale, gray, as above, and shale and silstone, (cave) as above.
5130-40	Sample, as above.
5140-50	Sample, as above, with increase limestone content.
5150-60	Sample, as above, but limestone is generally darker, gray-tan to gray, very fine grain, occasional trace anhydrite, white.
5160-70	Sample, as above.
5170-80	Sample, as above, with increasing shale content, gray.
5180-90	Sample, as above.
5190-5200	Sample, as above.
5200-10	Sample, as above.
5210-20	Shale, gray, slightly calcareous in part, trace limestone, as above, shale and silstone(cave) red to brown, as above.
5220-30	Sample, as above.
5230-40	Limestone, white to tan to tan-gray, very fine grain to chalky, occasionally spary, shale, gray, slightly calcareous in part; shale and silstone(cave) as above.
5240-50	Sample, as above.
5250-60	Sample, as above.
5260-70	Sample, as above.
5270-80	Limestone, as above, and dark brown-gray, fine grain, dolomitic, silty & argillaceous, shale, gray to light gray, slightly calcareous in part; with shale and silstone (cave) as above.
5280-90	Sample, as above.
5290-5300	Sample, as above, with slight decrease in limestone content.

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
5300-10	Sample, as above, with previous limestone content.
5310-20	No sample.
5320-30	No sample.
5330-40	Limestone, as above, with shale gray, as above, and shale with siltstone red to brown (cave) as above.
5340-50	Sample, as above.
5350-60	Sample, as above.
5360-70	Sample, as above.
5370-80	Sample, as above.
5380-90	Sample, as above.
5390-5400	Sample, as above.
5400-10	Sample, as above.
5410-20	Shale, light to medium gray, slightly calcareous and silty in part; limestone, white, chalky to gray shaley, with shale and silstone, (cave), red to brown.
5420-30	Sample, as above.
5430-40	Sample, as above, with abundant <u>cave</u> .
5440-50	Sample, as above, with abundant <u>cave</u> .
5450-60	Limestone as above, with shale, gray, as above and shale & silstone (cave).
5460-70	Sample, as above.
5470-80	Sample, as above.
5480-90	Sample, as above.
5490-5500	No sample.
5500-5510	Sample, as above, with abundant <u>cave</u> .
5510-20	Sample, as above, with abundant <u>cave</u> .
5520-30	Sample, as above, with abundant <u>cave</u> .
5530-40	Sample, as above, with abundant <u>cave</u> .

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
5540-50	Limestone, white to light gray-tan, chalky to very fine grain, and gray, slightly shaley, shale, gray, slightly calcareous and silty in part, with shale and siltstone ( <u>cave</u> ), red to brown.
5550-60	Sample, as above.
5560-70	Shale, gray, slightly calcareous and silty, with limestone, as above, and cave as above.
5570-80	Sample, as above, with abundant cave.
5580-90	Limestone, white, chalky to very fine grain, and tan, spary, to gray, shaley; shale gray, as above; with cave.
5590-5600	Sample, as above.
5600-10	Limestone, white chalky to very fine grain, light tan to light gray-tan, spary to fine grain, slightly fossiliferous in part, tight. Shale, gray slightly silty, calcareous; trace anhydrite, white; with cave as above but <u>greatly reduced</u> in content.
5610-20	Sample, as above, with slightly increased cave content.
5620-30	Sample, as above.
5630-40	Sample, as above, trace limestone tan, pseudo-oolitic, tight.
5640-50	Sample, as above.
5650-60	Sample, as above, trace limestone gry-tan, fine grain with anhydrite filling pores.
5660-70	Sample, as above.
5670-80	Limestone, as above, with trace gray, very fine grain, dolomitic, and brown to dark brown, fine grain, dolomitic.; shale, gray, calcareous, and cave as above.
5680-90	Sample, as above, with trace of bright yellow natural fluorescence, no cut fluorescence.
5690-5700	Sample, as above, with trace of bright yellow natural fluorescence, no cut fluorescence.
5700-10	Sample, as above, with decrease in content of limestone, dark brown, dolomitic; cave greatly reduced.
5710-20	Sample, as above, with up to 10% natural fluorescence, no cut-in limestone, white to buff, very fine grain, tight.
5720-30	Sample, as above, with up to 10% fine grain, tight, no cut.

WELL REPORT  
NATHAN FEE, NO. 1

<u>DEPTH</u>	<u>SAMPLE DESCRIPTIONS (UNLAGGED)</u>
5730-40	Sample, as above.
5740-50	Sample, as above, with almost no natural fluorescence.
5750-60	Shale, black to brown-black, calcareous, silty; with limestone, as above, only trace of fluorescence, no cut.
5760-70	Sample, as above, with limestone, as above, but occasionally silty, tight.
5770-80	Sample, as above, with trace dolomite, tan, gray, silty in part, very fine grain, tight, with occasional trace of fossil fragments (calcite), anhydrite, white.
5780-90	Shale, black and dolomite, as above, with some limestone white to tan gray, very fine to medium grain, tight, with trace natural fluorescence, no cut; trace anhydrite as above.
5790-5800	Sample, as above.
5800-10	Dolomite, tan to tan-gray, fine grain, and brown, gray, dense, tight, slightly silty in part; limestone, white, occasionally sandy to light gray-tan, very fine grain, trace shale gray to black, calcareous.
5810-20	Sample, as above, with increasing limestone content.
5820-30	Limestone, white & tan-gray, sandy in part, to fine grain; with dolomite, as above.
5830-40	Sample, as above, with anhydrite, white & buff & gray, and anhydrite filling some pore space in limestone and dolomite when porous.
5840-50	Sample, as above, with abundant cave, and trace of shale, gray, calcareous (cave?).
5850-60	Sample, as above, with increased dolomite content, and shale, gray to black, (cave?), occasional fossil trace in limestone.
5860-70	Dolomite, gray-brown to dark brown, fine grain, trace porosity-pin point-with some anhydrite filling; limestone as above and trace shale, gray, and anhydrite.
5870-80	Limestone white to tan, and gray, chalky to fine grain, spary w/free calcite occasionally and pore filling; slightly fossiliferous; with dolomite, as above, and trace anhydrite and shale, gray (cave) as above.
5880-90	Shale, light gray to gray, calcareous, with limestone, dolomite, as above.
5890-5900	Sample, as above.

WELL REPORT  
NATHAN FEE, NO. 1

DEPTH

SAMPLE DESCRIPTIONS (UNLAGGED)

5900-10 Sample, as above, mixed thoroughly with cave.

5910-15 Sample, as above.

TOTAL DEPTH = 5915'

2

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.  
FEE  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
\_\_\_\_\_  
7. UNIT AGREEMENT NAME  
\_\_\_\_\_  
8. FARM OR LEASE NAME  
Nathan Fee  
9. WELL NO.  
No. 1  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
16-40S-22E

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Davis Oil Company

3. ADDRESS OF OPERATOR  
410 - 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NW NE, Sec. 16-T40S-R22E 700' FNL & 2000' FEL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 30491 DATE ISSUED 7/9/79

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUDDED 7/20/79 16. DATE T.D. REACHED 8/17/79 17. DATE COMPL. (Ready to prod.) 11/1/79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4782' KB 4770' GL 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 5915' 21. PLUG, BACK T.D., MD & TVD 5850' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 0-5915' CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5690' - 5710' Ismay 25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

26. TYPE ELECTRIC AND OTHER LOGS RUN ACBL/VDL, DIL/SFL, BHC/GR, FDC/CNC/GR 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	355'	12 1/4"	250 SXS	none
5 1/2"	15.5#	5914'	7 7/8"	250 SXS	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		none			2 7/8"	5763'	

31. PERFORATION RECORD (Interval, size and number)  
5690', 91', 95', 96', 96', 98'; 1 shot each  
5703'-5710'; 1 JSPF Re-perf'd same;  
Total 28 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
5690'-5710' 2856 gal. 15% DS-30 acid  
w/5 1/4 gal. FR-20 appg 100 mish sand, 26,000 gal. westpad A, 19,000 gal. 28% DS-30 acid;

33.\* PRODUCTION flushed w/1400 gal. 2% KCL wtr.  
DATE FIRST PRODUCTION 11/2/79 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping; 2 1/2 x 1 3/4 x 19 x 21 RHBC WELL STATUS (Producing or shut-in) producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/13/79	24	---	---	70	---	66	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)	
---	---	---	70	---	66	---	38.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be vented. TEST WITNESSED BY DEC 21 1979 Porter

35. LIST OF ATTACHMENTS  
Geological report previously supplied.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from available records  
SIGNED [Signature] TITLE Ass't. Division Manager DATE 12/13/79

# 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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			TOP
			MEAS. DEPTH
			TRUE VERT. DEPTH
Lower Ismay	5695'	5739'	Limestone, f Xln, sli foss, looks tite, bright yellow fluor, no cut.
			Hemosa
			4790'
			Upper Ismay
			5605'
			Base Desert
			5882'
			Creek

FILE IN TRIPLICATE  
FORM OGC-8-X

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

P

\*\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*\*

Well Name & Number NATHAN FEE #1  
Operator Davis Oil Company Address 1424 Tenth St. Rock Springs, Wyo.  
Contractor Cactus Address Farmington, New Mexico  
Location NW 1/4 NE 1/4 Sec. 16 T. 40 R. 20 County San Juan

Water Sands No fresh noticed

	Depth		Volume		Quality
	From	To	Flow Rate or Head		Fresh or Salty
1.			Desert Creek W.L.	4000'	Salt water
2.	5690	5710'			Salt water
3.					
4.					
5.					

(Continue on reverse side if necessary)

Formation Tops	Navajo S&S	682	DeChelly	2635
	Kayenta	1134	Cutler	3276
	Wingate	1258	Upper Ismay	5519
	Chinle	1609	Lower Ismay	5626
	Shinarump	2308	Desert Creek	5713
			T.D.	5914'

**RECEIVED**

JUN 2 1980

DIVISION OF  
OIL, GAS & MINING

Remarks

jw

- 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.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
533-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. 43-023147  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/Recapture Pocket

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

\_\_\_\_\_ April 19 81 \_\_\_\_\_

Agent's Address 410 17th Street  
Suite 1400  
Denver, CO 80202  
Phone No. (303) 623-1000

Company Davis Oil Company  
Signed P.M. Stigler  
Title Production Accounting Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
3 SE SE	40S	22E	1	-0-	-0-	—	-0-	-0-	-0-	3-21-81-DEPTH @ 5734' R.D.R.T. 3-22-81 THRU 4-4-81 - W.D.C.R. 4-5-81 - M.I., RUC.T. 4-8-81 PERF. DESERT CREEK 5652'-5655'. 4-10-81-ACIDIZED W/1000 GAL. 20% HCl. 4-11-81 THRU 4-15-81 - SWB TST. 4-16-81 - ACIDIZE W/3000 GAL 20% HCl. 4-20-81 - SWB.TST.

JUN 3 0 1981  
DIVISION OF  
OIL, GAS & MINING

GAS: (MCF)  
Sold NONE  
Flared/Vented ✓  
Used On/Off Lease \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month NONE  
Produced during month \_\_\_\_\_  
Sold during month \_\_\_\_\_  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
533-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. 43-023147  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

*Producing*

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/Recapture Pocket

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

JUNE 19 81

Agent's Address 410 17th Street  
Suite 1400  
Denver, CO 80202  
Phone No. (303) 623-1000

Company Davis Oil Company  
Signed P.M. Lightfoot  
Title Production Accounting Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE SE	40S	22E	1	18	1231	40.0	-0-	-0-	-0-	5-21-81 THRU 6-1-81 - BUILD- ING TANK BATTERY 6-2-81 FINISH HOOK-UP ON LINES. 6-4-81 THRU 6-21-81 - Pumping

GAS: (MCF)  
Sold NONE  
Flared/Vented \_\_\_\_\_  
Used On/Off Lease ✓

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month -0-  
Produced during month 1231  
Sold during month 1093  
Unavoidably lost -0-  
Reason: \_\_\_\_\_  
On hand at end of month 139

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
H.P.C., Inc.

3. ADDRESS OF OPERATOR  
Drawer 900, Reliance, Wyoming 82943

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
Sec. 16, T40S, R22E  
AT SURFACE: 70' FNL, 2000' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Nathan Fee

8. FARM OR LEASE NAME

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
16 T40S R22E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Change Designation of Operator		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

This sundry is to notify the State of Utah that H.P.C., Inc. has become the operator of the above referenced well.

**RECEIVED**  
OCT 01 1981

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Jack Thurston TITLE Area Foreman DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

File in Duplicate

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

**RECEIVED**  
OCT 01 1981  
DIVISION OF  
OIL, GAS & MINING

DESIGNATION OF AGENT  
\*\*\*\*\*

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations and Rules of Practice and Procedure of the Division of Oil, Gas and Mining of the State of Utah, hereby appoint HPC, Inc., whose address is Drawer 900, Reliance, Wyoming 82943-0900, (~~xxxxxxx its~~) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective date of designation 9/25/81

Company DAVIS OIL COMPANY Address 410 17th Street, Suite 1400, Denver, CO 80202

By *Paul Messinger* Title Attorney-in-Fact (Paul Messinger)  
(signature)

NOTE: Agent must be a resident of the State of Utah

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Home Petroleum Corporation</p> <p>3. ADDRESS OF OPERATOR Drawer 900, Reliance, Wyoming 82943</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NWNE Section 16, T40S, R22E 700 FSL 2000 FWL</p> <p>14. PERMIT NO. 30491</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----</p> <p>7. UNIT AGREEMENT NAME -----</p> <p>8. FARM OR LEASE NAME Nathan Fee</p> <p>9. WELL NO. 1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 16-40S-22E</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4770' GR</p>		

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On April 1, 1981, the designated operator changed from Davis Oil Company to Home Petroleum Corporation.

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

SIGNED M. J. Jones TITLE District Superintendent DATE February 22, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE	
2. NAME OF OPERATOR KAISER-FRANCIS OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 21468 TULSA, OKLAHOMA 74121-1468		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NE (700 FNL & 2000 FEL) SEC. 16-40S-22E		8. FARM OR LEASE NAME NATHAN FEE	
14. PERMIT NO. 30491		9. WELL NO. 1	
15. ELEVATIONS (Show whether of, at, or, etc.) 4782 KB 4770 GL		10. FIELD AND POOL, OR WILDCAT WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SUBSTY OR AREA 16-40S-22E	
		12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) CHANGE OF OPERATOR <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EFFECTIVE 9-1-84 KAISER-FRANCIS OIL COMPANY WILL ASSUME OPERATIONS FROM HOME PETROLEUM CORPORATION.

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

SIGNED

*C. Jan Valkenburg*  
CHARLOTTE VAN WALKENBURG

PRODUCTION ADMINISTRATOR

DATE 9-19-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

*a*

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or to complete a different well. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Pacific Energy & Mining Company

3. ADDRESS OF OPERATOR  
6224 Baird Ave., Reseda, CA 91335

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
NW NE (700 FNL & 2000 FEL)  
Sec. 16-40S-22E

14. PERMIT NO.  
43037 30491

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4782 KB 4770 GL

5. LEASE DESIGNATION AND SERIAL NO.  
Fee POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
120152

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
Nathan Fee

9. WELL NO.  
1

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

11. SEC., T., R., M., OR BLE. AND SUBVY OR AREA  
16-40S-22E

12. COUNTY OR PARISH 13. STATE  
San Juan Utah

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective 8-1-87 Kaiser-Francis Oil Company turned over operations to Pacific Energy & Mining Co., 6224 Baird Ave., Reseda, CA 91335

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

SIGNED C. Van Valkenburg  
Charlotte Van Valkenburg

For Kaiser-Francis Oil Co.  
Production Administrator

DATE 11/19/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

February 15, 1990

Mr. Tariq Ahmad  
Pacific Energy and Mining Company  
P.O. Box 18148  
Reno, Nevada 89511

Dear Mr. Ahmad:

Re: Change of Operator - Nathan Fee 1 Well, Sec. 16, T40S, R22E, San Juan County, Utah, API No. 43-037-30491

In June 1989, we received notification from you that the above referenced well had been sold to Western Discovery USA, Inc. Rule R615-8-10 of the Utah Oil and Gas Conservation General Rules requires that Form 9, Sundry Notices and Reports on Wells, be submitted by both the former and new operators whenever an operator change takes place. This policy was also sent to all well operators in letters dated July 31, 1989 and December 1, 1989. It was thereby made clear that operator changes will not be recognized by the division until documentation is received from both parties involved. As of this time, we have not received the required notice from Western Discovery. Our efforts to obtain documentation from Western Discovery have been unsuccessful. We will therefore be forced to continue recognizing Pacific Energy and Mining Company as the operator and responsible party for this well until such time that all documentation is received.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

ldc

cc: William Perrine - Western Discovery USA, Inc.  
D.R. Nielson  
R.J. Firth  
T.A. Searing  
Well file

WO13/2

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
*FEE LEASE*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED  
APR 20 1990  
DIVISION OF OIL, GAS AND MINING

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
*FIRST ZONE Production, Inc*

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR  
*2222 E 4800 So S-107, SEC, UT 84117*

9. WELL NO.  
*NATHAN FEE #1*

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

10. FIELD AND POOL, OR WILDCAT

*700' FNL 2000' FEL*

*BROKEN HILLS*

11. SEC., T., R., M., OR S.E., AND SURVEY OR AREA

*16 T40S R22E*

14. PERMIT NO.  
*4303730491*

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

*4732*

12. COUNTY OR PARISH

*SAN JUAN*

13. STATE

*Utah*

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion or 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.)

AS OF 18 APRIL, 1990, FIRST ZONE PRODUCTION, INC., HEREWITH ACCEPTS THE RESPONSIBILITY AS THE OPERATOR OF THE NATHAN FEE #1 WELL.

FIRST ZONE PRODUCTION HAS A STATEWIDE BOND ON FILE WITH THE DIVISION OF OIL, GAS, AND MINING, STATE OF UTAH.

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

SIGNED

*[Signature]*

TITLE

*Pres.*

DATE

*4/18/90*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.)

5. LEASE DESIGNATION AND SERIAL NO.

FEE LEASE  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED  
APR 20 1990

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

8. FARM OR LEASE NAME

PACIFIC ENERGY AND MINING CO.

DIVISION OF  
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

9. WELL NO.

P. O. Box 18148, Reno, Nevada 89511

NATHAN FEE #1

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

10. FIELD AND POOL, OR WILDCAT

700' FNL 2000' FEL

BROKEN HILLS

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

16 T40S R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

43 037 30491

4732

12. COUNTY OR PARISH 13. STATE

SAN JUAN UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) CHANGE OF OPR.

(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.)

THIS WELL AND LEASE HAWS BEEN TRANSFERRED TO FIRST ZAONE PRODUCTION, INC. EFFECTIVE AS OF 18 APRIL 1990.

FIRST ZONE PRODUCTION WILL BE RESPONSIBLE FOR OPERATIONS AND REPORTING OF THIS WELL EFFECTIVE IMMEDIATELY AND REQUESTS IMMEDIATE RELEASE FROM BONDING LIABILITY.

Mary Ahmed

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

SIGNED TARIQ AHMED

TITLE PRESIDENT

DATE 18 April 1990

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
APR 16 1990

DIVISION OF  
OIL, GAS & MINING

April 12, 1990

*Oper. change from Pacific Energy to Western Discovery never went through. DoGM received new surveys on 4-20-90 showing change to First Zone. DCS 4-30-90*

Permian Operating Limited Partnership  
2500 Citywest Blvd  
P.O. Box 1183  
Houston, Texas 77251-1183

Attn: Division Order

RE: Lease No. 110364 #1 Nathan Fee

Gentlemen:

We sold the above referenced well to Western Discovery USA during 8th June, 1989 per a sales agreement dated June 8, 1989. Western Discovery USA has failed to perform as to the terms and conditions of the agreement, furthermore the assignments were never recorded as such these assignments are not valid.

Based upon the above we hereby request that the revenues from the above well are to be sent to Pacific Energy & Mining Company at our new address. Enclosed is a copy of the letter from State of Utah Department of Natural Resources notifying us that Pacific Energy is still considered the operator.

If you have any questions please call.

Sincerely,

Tariq Ahmad  
President

cc: Don Staley  
State of Utah Division of Oil, Gas and Mining

Grant Orten  
Attorney at Law  
Salt Lake City, Utah

OIL AND GAS	
DRN	RJF
JRB	GLH
LOTS	SLS
2-TAS	✓
3-	MICROFILM
4-	FILE

STATE OF UTAH  
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.)

RECEIVED  
DEC 13 1989  
DIVISION OF OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION & SERIAL NO.	
2. NAME OF OPERATOR <b>PACIFIC ENERGY &amp; MINING CO.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <b>P.O. BOX 18148, RENO, NV 89511</b>		UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: <b>W/2 NE/4</b> At proposed prod. zone:		FARM OR LEASE NAME <b>KAISER-FRANCIS OIL CO.</b>	
14. API NO. <b>031</b> <b>43-019-30491</b>		9. WELL NO. <b>NATHAN FEE #1</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT	
12. COUNTY <b>SAN JUAN</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC 16 T40S-R22E</b>	
13. STATE <b>UTAH</b>			

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input checked="" type="checkbox"/> <b>Change of Operator</b> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____	DATE OF COMPLETION _____

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.)

\* Must be accompanied by a cement verification report.

CHANGE OF OPERATOR NOTICE

Effective June 1, 1989 the new operator of this well is:

**WESTERN DISCOVERY USA, Inc.**  
47 SANTA ROSA  
SAN LUIS OBISPO, CA 93401

*This well didn't work out. Received sundries on 4-20-90 showing change to first zone DTS 4-30-90*

OIL AND GAS	
DNN	RJP
JRD	GLH
1-D-10	SLS
2-TAS	
3-	MICROFILM
4-	FILE

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

SIGNED Rhonda Chmura TITLE Vice President DATE 12/18/89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

**Pacific Energy and Mining Co.**

**RECEIVED**  
JUN 12 1989

DIVISION OF  
OIL, GAS & MINING

State Of Utah  
Division of Oil Gas And Mining  
355 W. North Temple,  
Three Triad Ctr. #350  
Salt Lake City, Utah 84180-1203

June 9, 1989

*effective 6-1-89  
per Sundry  
dated 12-8-87  
DTS  
1-9-90*

Gentlemen:

We have sold our interest in the Nathan Fee#1 Well in Section 16 W/2 NE/4 San Juan, County Utah to Western Discovery USA, Inc. of 47 Santa Rosa, San Luis Obispo, Ca. 93401. Western Discovern is the new operator of the well and we will appreciate if the Division of Oil and Gas would designate Western Discovery as the new operator. Please contact Western Discovery Mr. W. William Perrine as to their Bond covering this property at 805-543-0100.

We will appreciate if our irrevocable letter of credit is sent back to our bank immediately.

If you have any questions please call.

Sincerely,

Tariq Ahmad  
President

cc: Western Discovery USA Inc.  
First Los Angeles Bank.

*This sale didn't work out.  
DOGM received Sundries  
on 4-20-90 showing  
change to First zone  
Production Inc.  
DTS  
4-30-90*

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-AWS ✓	
2-TAS	
MICROFILM	
FILE	



**First Los Angeles Bank**  
 2049 Century Park E. 36th Floor  
 Los Angeles, Ca. 90067

NON-NEGOTIABLE COPY — CUSTOMER

Cable Address: First Bank

Date: **Feb. 24, 1989**

Place:

<b>IRREVOCABLE STANDBY LETTER OF CREDIT</b>	All drafts must be marked: Drawn under First Los Angeles Bank credit no. <b>SE-51377/89</b>	Advising bank reference no.
Advising bank:  <b>-Direct-</b>	For account of: <b>PACIFIC ENERGY &amp; MINING COMPANY</b> <b>20847 Sherman Way Suite #202</b> <b>Canoga Park, Ca. 91306</b>	
Beneficiary: <b>STATE OF UTAH</b> <b>Division of Oil Gas &amp; Mining</b> <b>355 W. North Temple, Three Triad Ctr. #350</b> <b>Salt Lake City, Utah 84180-1203</b>	Amount: <b>USDOLLARS, TWENTY THOUSAND &amp; NO CENTS,</b> <b>(U.S. \$20,000.00)</b>	Expiration date: <b>Sept. 29, 1989 at our counter</b>

Gentlemen:

We hereby establish our irrevocable letter of credit in your favor available by your drafts drawn at **sight**  This refers to preliminary cable advice of this credit on **First Los Angeles Bank, Los Angeles, Ca.** and accompanied by documents specified below:

- Signed beneficiaries statement stating Pacific Energy & Mining Co. has failed to perform in accordance to the Rules of the Utah Board of Oil, Gas & Mining dated December 2, 1985 in the operations of #1 Nathan Fee Well in Section 16 W/2 NE/4 San Juan, County, Utah.**
- The original of this letter of credit.**

"This credit is subject to the uniform customs and practice for documentary credit (1983 Revision) ICC Publication No. 400"

We hereby engage with you that all drafts drawn under and in compliance with the terms of this credit will be duly honored if drawn and presented for payment at this office on or before the expiration date of this credit. The advising bank is requested to notify the beneficiary without adding their confirmation.

Sincerely yours,

*[Signature]*  
*[Signature]*

Advising bank's notification:

This document is subject to the Uniform Customs and Practice for Documentary Credits (1974 Revision) International Chamber of Commerce, Publication No. 500. This document is subject to the Uniform Customs and Practice for Documentary Credits (1974 Revision) International Chamber of Commerce, Publication No. 500. This document is subject to the Uniform Customs and Practice for Documentary Credits (1974 Revision) International Chamber of Commerce, Publication No. 500.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

April 30, 1990

Mr. Tariq Ahmad  
Pacific Energy and Mining Co.  
P.O. Box 18148  
Reno, Nevada 89511

Dear Mr. Ahmad:

Re: Notification of Sale or Transfer of Lease Interest - Nathan Fee #1 Well, Section 16, Township 40S, Range 22E, San Juan County, Utah, API No. 43-037-30491

The division has received notification of a change of operator from Pacific Energy and Mining Company to First Zone Production, Inc. for the referenced well which is located on a fee lease.

Rule R615-2-10, of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Pacific Energy and Mining Company of its responsibility to notify all individuals with an interest in this lease of the change of operator. Please provide written documentation of this notification to the division no later than May 31, 1990.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

ldc

cc: R. J. Firth  
Well File

HOI3/2



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

June 5, 1990

Mr. Tariq Ahmad  
Pacific Energy and Mining Co.  
P.O. Box 18148  
Reno, Nevada 89511

Dear Mr. Ahmad:

Re: Notification of Sale or Transfer of Lease Interest - Nathan Fee #1 Well, Sec. 16, T. 40S, R. 22E, San Juan County, Utah, API No. 43-047-30491

37

The division notified you by letter dated April 30, 1990, that Rule R615-2-10 of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred. You were informed of your responsibility to notify all individuals with an interest in the above well and asked to provide written documentation of this notification to the division by no later than May 31, 1990. As of yet, we have not received the requested documentation.

If you have problems or questions concerning this request, please feel free to call me at (801)538-5340. Otherwise, please respond by June 26, 1990. Your prompt attention to this matter is appreciated.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

ldc

cc: R.J. Firth  
Well file

WO113/4

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File NATHAN FEE #1  
(Location) Sec 16 Twp 40S Rng 22E  
(API No.) 43-037-30491

Suspense  
(Return Date) 6-21-90  
(To - Initials) \_\_\_\_\_

Other  
MEDALLION BOND FILE

1. Date of Phone Call: 6-7-90 Time: 12:01

2. DOGM Employee (name) LISHA ROMERO (Initiated Call )  
Talked to:

Name JAKE HAROUNY (Initiated Call ) - Phone No. (801) 277-0801  
of (Company/Organization) FIRST ZONE PRODUCTION COMPANY

3. Topic of Conversation: BOND COVERAGE FOR THE NATHAN FEE #1

4. Highlights of Conversation: ORIGINAL BOND COVERAGE FOR FIRST ZONE WAS CHANGED  
OVER TO MEDALLION EXPLORATION. MEDALLION EXPLORATION TOOK OVER 3 OF THE 4  
EXISTING FEE WELLS OPERATED BY FIRST ZONE. NO BOND COVERAGE EXISTS FOR THE  
REMAINING WELL "NATHAN FEE #1" WHICH IS STILL BEING OPERATED BY FIRST ZONE.  
JAKE HAROUNY INFORMED ME THAT THE MENTIONED WELL HAS ALSO BEEN TAKEN OVER BY  
MEDALLION EXPLORATION. HE WILL FOLLOW-UP WITH AN OPERATOR CHANGE REQUEST ASAP.

7-9-90 Jake thought that he had brought a copy into our office about one  
month ago. Says he will bring the operator chg. in today!

7-23-90 msc left for Mr. Harouny. (9:35 a.m.)

7-26-90 (9:00 a.m. No/Answer)

7-26-90 Received operator change "Sundry"

UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• PACIFIC ENERGY & MINING CO  
P. O. BOX 18148  
RENO NV 89511  
ATTN: RHONDA AHMAD

RECEIVED  
JUN 06 1990  
DIVISION OF  
OIL, GAS & MINING

Utah Account No. N7655

Report Period (Month/Year) 11/89

Amended Report  ORIGINAL

Well Name	Producing Zone	Days Oper	Production Volume		
API Number Entity Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
F-1-20-21-#1 4301930566 00945 20S 21E 1	MRSN	30	176	0	0
STATE OF UTAH 2-20-21-2 4301930699 00947 20S 21E 2	MRSN	0	0	0	0
NATHAN FEE #1 4303730491 02895 40S 22E 16	ISMY	0	0	0	0
F-1-20-21-#2 4301930603 10405 20S 21E 1	MRSN	0	0	0	0
TOTAL			176	0	0

Comments (attach separate sheet if necessary) NATHAN FEE #1, 02895, IS NOT OWNED OR OPERATED BY FIRST ZONE PRODUCTION & SHOULD BE DROPPED FROM REPORT

I have reviewed this report and certify the information to be accurate and complete. Date 5/30/90  
Authorized signature \_\_\_\_\_ Telephone 801-277-0801

Pacific Energy and Mining Co.

6/20/90

State of Utah  
Dept. of Natural Resources

RECEIVED  
JUN 25 1990

DIVISION OF  
OIL, GAS & MINING

Attn: Mr. Don Staley

43-037-30491

Re: Notification of Sale Nathan Fee #1 Sec. 16 T40S R22E.

Dear Mr. Staley,

There was only one working interest owner in the above lease and 100% interest was transferred to First Zone. The assignments were sent by First Zone to your office. Therefore there was no one else to notify.

Sincerely

Y. J. Anderson  
President

OIL AND GAS	
DFN	RJF
JPB	GLH
<del>LDX</del>	SLS
2-	MICROFILM <input checked="" type="checkbox"/>
3-	FRE

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.)

JUL 28 1990

1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE LEASE
2. NAME OF OPERATOR MEDALLION EXPLORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2225 East 4800 South #107, Salt Lake City, Utah		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  700 ft. FNL 2000 ft. FEL		8. FARM OR LEASE NAME
14. API NUMBER 4303730491	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4732	9. WELL NO. NATHAN FEE #1
		10. FIELD AND POOL, OR WILDCAT Broken Hills
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 16 T40S R22E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

As of April 18, 1990, Medallion Exploration herewith accepts the responsibility as the operator of the Nathan Fee #1 well.

Medallion Exploration has a statewide bond on file with the Division of Oil, Gas, and Mining, State of Utah.

OIL AND GAS	
DN	RIF
JFB	GLH
DPS	SLS
<i>1-100 per</i>	
MICROFILM	
FILE	

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE President DATE July 23, 1990

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJE	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-18-90)

TO (new operator)	<u>MEDALLION EXPLORATION</u>	FROM (former operator)	<u>FIRST ZONE PRODUCTION, INC.</u>
(address)	<u>2225 E. 4800 S., #107</u>	(address)	<u>2225 E. 4800 S., #107</u>
	<u>SALT LAKE CITY, UT 84117</u>		<u>SALT LAKE CITY, UT 84117</u>
	<u>phone (801) 277-0801</u>		<u>phone (801) 277-0801</u>
	<u>account no. N 5050</u>		<u>account no. N3255</u>

*First Zone took over as operator 4-18-90 from Pacific Energy and Mining*

Well(s) (attach additional page if needed):

Name: <u>NATHAN FEE #1 Ismy</u>	API: <u>4303730491</u>	Entity: <u>2895</u>	Sec <u>16</u> Twp <u>40S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *Jake Harony is President of Both Companies.*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. 80,000 # ME-A-001-P90/Commercial Surety & Ins. Corp.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) NO. Today's date July 31 1990. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_ (orig. bond # FZ-A-001-P90/First Zone was replaced by Medallion Explor.)

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. per Pacific Energy & Mining Co. letter of 6-20-90, the 100% interest is owned by the operator.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: August 7 1990.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

7-30-90 Is Sunday from First Zone necessary? Jake Harouny is "President" of both companies.  
7-31-90 Sunday from First Zone not required - DTS

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

3. Lease Designation and Serial Number  
**FEE**

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well  
 Oil Well  
 Gas Well  
 Other (specify)

2. Name of Operator  
**Medallion Exploration**

3. Address of Operator  
**P.O. Box 1328 Roosevelt, Utah 84066**

4. Telephone Number  
**435-722-4600**

9. Well Name and Number  
**NATHAN FEE NO. 1**

10. API Well Number  
**4303730491**

11. Field and Pool, or Wildcat  
**Wildcat**

Footage **700' FNL & 2,000' FEL NW NE** County : **San Juan**  
 Qq. Sec. T., R., M. : **Sec 16, T40S, R22E** State : **UTAH**

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Other	<input type="checkbox"/> Other
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	

Approximate Date Work Will Start within 60 days after approval.

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Medallion Exploration proposes to plug and abandon the Nathan Fee #1 well as follows:

Step 1: Set a 400' balanced cement plug from 5,690' to 5,290' ("G" cement).

Step 2: Set 200' balanced plug from 2,500' to 2,300'.

Step 3: Perf squeeze holes at 405' and pump 100' balanced plug inside and outside 5-1/2" csg from 405' to 305'.

Step 4: Perf squeeze hole @ 60' and fill 5-1/2" csg & 5-1/2" annulus.

Step 5: Cut off csg and install dry hole marker w/required information.

Step 6: Restore surface per land owners requirements.

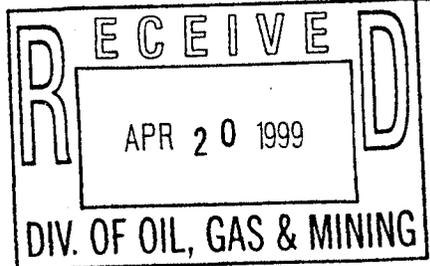
COPY SENT TO OPERATOR  
Date: 5/5/99  
Initials: CHD

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

Name & Signature RaSchelle Richens Title Office Manager Date 4/14/99

(State Use Only)

**APPROVED** → See attached Conditions & procedure revisions.  
**The Utah Division of Oil, Gas and Mining**  
**Robert J. Krueger, PE, Petroleum Engineer**



(8/90) Date: 5-5-99 See Instructions on Reverse Side



State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Oil and Gas Program

**Conditional Approval of Notice of Intent to Abandonment Well**

API Well Number: 43-037-30491  
Well Name and Number: Nathan Fee No. 1  
Name of Operator: Medallion Exploration  
Sundry Receipt Date: April 20, 1999  
Date/Initials: 5-5-99/RJK

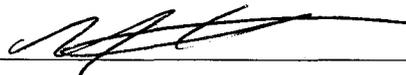
Based on the following general and specific conditions, the Division approves the referenced Sundry Notice for Well Abandonment.

**GENERAL CONDITIONS**

- A. Operator shall conduct all plugging and abandonment work in accordance with Utah Administrative Code R649-3-24 (copy attached).
- B. Operator shall notify the Division at least 72 hours prior to initiating field activities.
- C. Within 30 days following completion of the abandonment, Operator shall submit a subsequent report to the Division detailing the following:
  1. An account of plugging and casing removal procedures, specifications and quantities of all materials and equipment used, and the depths of all plugs installed;
  2. Records of any tests conducted or measurements collected; and,
  3. Amounts, type, and condition of casing removed and location and type of casing left in the well.
- D. Bond release may be jeopardized by variation from conditions described herein.

**SPECIFIC CONDITIONS**

1. Set a balanced cement plug shall be set from TD to 200 feet above the perforations (5,850' to 5,490', approximately 360 feet and 42 sacks of Class G cement). Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
- 2A. Set bridge plug at 1,600'; perforate 5 1/2" casing at 1,550'; squeeze approximately 45 sks Class G cement into annulus.
- 2B. Place a 200' plug from 1,600' to 1,400 (approx. 23 sks) atop bridge plug. Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
- 3A. Perforate 5 1/2" casing at 405' and establish circulation. Squeeze approximately 20 sacks (100') cement into annulus.
- 3B. Set 100' balanced plug inside 5 1/2" casing from 405' to 305'. Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
4. Set 12 sk surface plug from 100' to surface.
5. Bullhead or use small dia. tubing to place cement into 5 1/2"/8 7/8" casing annulus from 100' to surface.
6. Erect state specification dry hole marker.
7. Clean location per landowners requirements.

By: , Petroleum Engineer

R649-3-24. Plugging And Abandonment Of Wells.

1. Before operations are commenced to plug and abandon any well the owner or operator shall submit a notice of intent to plug and abandon to the division for its approval. The notice shall be submitted on Form DOGM-5, Sundry Notice and Report on Wells. A legible copy of a similar report and form filed with the appropriate federal agency may be used in lieu of the forms prescribed by the board. In cases of emergency the operator may obtain verbal or telegraphic approval to plug and abandon. Within five days after receiving verbal or telegraphic approval, the operator shall submit a written notice of intent to plug and abandon on Form 9.

2. Both verbal and written notice of intent to plug and abandon a well shall contain the following information.

2.1. The location of the well described by section, township, range, and county.

2.2. The status of the well, whether drilling, producing, injecting or inactive.

2.3. A description of the well bore configuration indicating depth, casing strings, cement tops if known, and hole size.

2.4. The tops of known geologic markers or formations.

2.5. The plugging program approved by the appropriate federal agency if the well is located on federal or Indian land.

2.6. An indication of when plugging operations will commence.

3. A dry or abandoned well must be plugged so that oil, gas, water, or other substance will not migrate through the well bore from one formation to another. Unless a different method and procedure is approved by the division, the method and procedure for plugging the well shall be as follows:

3.1. The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and a cement plug not less than 100 feet in length shall be placed immediately above each producing formation open to the well bore.

3.2. A solid cement plug shall be placed from 50 feet below a fresh water zone to 50 feet above the fresh water zone, or a 100 foot cement plug shall be centered across the base of the fresh water zone and a 100 foot plug shall be centered across the top of the fresh water zone.

3.3. At least ten sacks of cement shall be placed at the surface in a manner completely plugging the entire hole. If more

7. Unless otherwise approved by the division, all abandoned wells shall be marked with a permanent monument showing the well number, location, and name of the lease. The monument shall consist of a portion of pipe not less than four inches in diameter and not less than ten feet in length, of which four feet shall be above the ground level and the remainder shall be securely embedded in cement. The top of the pipe must be permanently sealed.

8. If any casing is to be pulled after a well has been abandoned, a notice of intent to pull casing must be filed with the division and its approval obtained before the work is commenced. The notice shall include full details of the contemplated work. If a log of the well has not already been filed with the division, the notice shall be accompanied by a copy of the log showing all casing seats as well as all water strata and oil and gas shows. Where the well has been abandoned and liability has been terminated with respect to the bond previously furnished under R649-3-1, a \$10,000 plugging bond shall be filed with the division by the applicant.

#### **R649-3-25. Underground Disposal Of Drilling Fluids.**

1. Operators shall be permitted to inject and dispose of reserve pit drilling fluids downhole in a well upon submitting an application for such operations to the division and obtaining its approval. Injection of reserve pit fluids shall be considered by the division on a case-by-case basis.

2. Each proposed injection procedure will be reviewed by the division for conformance to the requirements and standards for permitting disposal wells under R649-5-2 to assure protection of fresh-water resources.

3. The subsurface disposal interval shall be verified by temperature log, or suitable alternative, during the disposal operation.

4. The division shall designate other conditions for disposal, as necessary, in order to ensure safe, efficient fluid disposal.

#### **R649-3-26. Seismic Exploration.**

1. Form 1, Application for Permit to Conduct Seismic Exploration shall be submitted to the division by the seismic contractor at least seven days prior to commencing any type of seismic exploration operations. In cases of emergency, approval may be obtained either verbally or by telegraphic communication.



State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Oil and Gas Program

**Conditional Approval of Notice of Intent to Abandonment Well**

API Well Number: 43-037-30491  
Well Name and Number: Nathan Fee No. 1  
Name of Operator: Medallion Exploration  
Sundry Receipt Date: April 20, 1999  
Date/Initials: 5-5-99/RJK

Based on the following general and specific conditions, the Division approves the referenced Sundry Notice for Well Abandonment.

**GENERAL CONDITIONS**

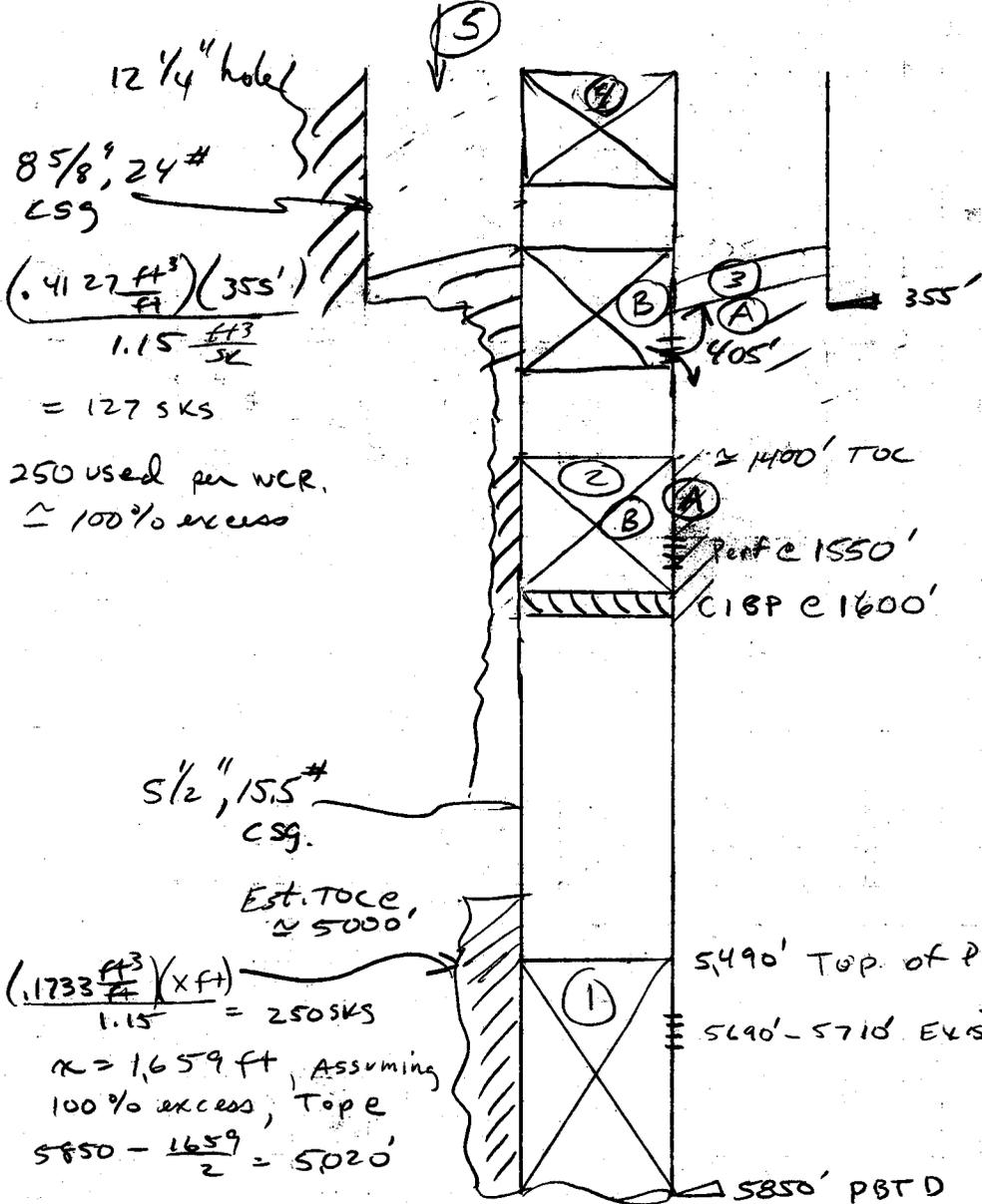
- A. Operator shall conduct all plugging and abandonment work in accordance with Utah Administrative Code R649-3-24 (copy attached).
- B. Operator shall notify the Division at least 72 hours prior to initiating field activities.
- C. Within 30 days following completion of the abandonment, Operator shall submit a subsequent report to the Division detailing the following:
  - 1. An account of plugging and casing removal procedures, specifications and quantities of all materials and equipment used, and the depths of all plugs installed;
  - 2. Records of any tests conducted or measurements collected; and,
  - 3. Amounts, type, and condition of casing removed and location and type of casing left in the well.
- D. Bond release may be jeopardized by variation from conditions described herein.

**SPECIFIC CONDITIONS**

- 1. Set a balanced cement plug shall be set from TD to 200 feet above the perforations (5,850' to 5,490', approximately 360 feet and 42 sacks of Class G cement). Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
- 2A. Set bridge plug at 1,600'; perforate 5 1/2" casing at 1,550'; squeeze approximately 45 sks Class G cement into annulus.
- 2B. Place a 200' plug from 1,600' to 1,400 (approx. 23 sks) atop bridge plug. Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
- 3A. Perforate 5 1/2" casing at 405' and establish circulation. Squeeze approximately 20 sacks (100') cement into annulus.
- 3B. Set 100' balanced plug inside 5 1/2" casing from 405' to 305'. Allow cement to set and tag plug. Load hole with non-corrosive, oxygen scavenger/biocide treated water.
- 4. Set 12 sk surface plug from 100' to surface.
- 5. Bullhead or use small dia. tubing to place cement into 5 1/2"/8 7/8" casing annulus from 100' to surface.
- 6. Erect state specification dry hole marker.
- 7. Clean location per landowners requirements.

By:  \_\_\_\_\_, Petroleum Engineer

Bullhead or Tremie to Surface



Cement Vols.

① Bottom Plug :  $\frac{(5850 - 5490)(.1733 \text{ ft}^3/\text{ft})}{1.15 \text{ ft}^3/\text{sk}} \approx 42 \text{ SKS}$

②A Annulus :  $\left\{ \frac{(200 \text{ ft})(.1733 \text{ ft}^3/\text{ft})}{1.15 \text{ ft}^3/\text{sk}} \right\} 1.5 \text{ excess} \approx 45 \text{ SKS}$

②B CIBP :  $\left[ \frac{(200 \text{ ft})(.1733 \text{ ft}^3/\text{ft})}{1.15 \text{ ft}^3/\text{sk}} \right] \approx 23 \text{ SKS}$  } 68 SKS

③A Annulus  $\frac{(50 \text{ ft})(.1733 \text{ ft}^3/\text{ft})}{1.15} (1.5 \text{ excess}) + (50) (.1926 \text{ ft}^3/\text{ft}) \approx 20 \text{ SKS}$  }

③B Inside  $(100 \text{ ft})(.1733 \text{ ft}^3/\text{ft}) / 1.15 \approx 12 \text{ SKS}$  } 32 SKS

④ 12 SKS same as 3B

⑤ As req'd to fill up.



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

Michael O. Leavitt  
 Governor

Kathleen Clarke  
 Executive Director

Lowell P. Braxton  
 Division Director

1594 West North Temple, Suite 1210  
 PO Box 145801  
 Salt Lake City, Utah 84114-5801  
 801-538-5340  
 801-359-3940 (Fax)  
 801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE COVER SHEET

DATE: 1/16/02

FAX #: 801 566-7477

ATTN: Raschelle Richens

COMPANY: Medallion Exploration

DEPARTMENT: \_\_\_\_\_

NUMBER OF PAGES: (INCLUDING THIS ONE) 2

FROM: DUSTIN DOUCET (Phone: 801 538-5281)

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.  
 We are sending from a sharp facsimile machine. Our telecopier number is (801)359-3940.

**MESSAGES:**

Raschelle,  
Here is the amendment to the plugging procedures. The conditions  
of approval set by the previous Engineer were a little confusing. This should  
clear things up and make the process go a little smoother. Sorry for  
any inconvenience. Note: The amendment only affects conditions  
2A, 2B, 3A & 3B. All other conditions still apply. Thanks.  
Dustin

**Important:** This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

**AMENDED CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL**

Well Name and Number: Nathan Fee No. 1  
API Number: 43-037-30491  
Operator: Medallion Exploration  
Reference Document: Original Sundry Notice dated April 14, 1999,  
received by DOGM on April 20, 1999  
*Amends Condition of Approval dated 5/5/99*

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. A Cement Retainer (CR) shall be set at 5650' with ~15 sx pumped below and 15 sx dumped on top. This will replace Specific Condition 1 in original Conditions of Approval.
3. Squeeze holes shall be perforated @ 1630'. A Cement Retainer (CR) shall be set at 1580' with ~46 sx pumped below and 12 sx dumped on top. This will replace Specific Conditions 2A and 2B in the original Conditions of Approval.
4. Squeeze holes shall be perforated @ 405'. A Cement Retainer (CR) shall be set at 350' with ~30 sx pumped below and 6 sx dumped on top. This will replace Specific Conditions 3A and 3B in the original Conditions of Approval.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply and all other requirements in the original Conditions of Approval shall apply.
6. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

January 16, 2002

Date

TRANSACTION REPORT

P. 01

JAN-16-2002 WED 04:10 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-16 04:10 PM	8015667477	44"	2	SEND	OK	474	

TOTAL : 44S PAGES: 2



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

Michael O. Leavitt  
 Governor  
 Kathleen Clarke  
 Executive Director  
 Lowell P. Braxton  
 Division Director

1594 West North Temple, Suite 1210  
 PO Box 145801  
 Salt Lake City, Utah 84114-5801  
 801-538-5340  
 801-359-3940 (Fax)  
 801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE COVER SHEET

DATE: 1/16/02

FAX #: 801 566-7477

ATTN: RaSchelle Richens

COMPANY: Medallion Exploration

DEPARTMENT: \_\_\_\_\_

NUMBER OF PAGES: (INCLUDING THIS ONE) 2

FROM: DUSTIN DOUCET (Phone: 801 538-5281)

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

***AMENDED CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL***

Well Name and Number: Nathan Fee No. 1  
API Number: 43-037-30491  
Operator: Medallion Exploration  
Reference Document: Original Sundry Notice dated April 14, 1999,  
received by DOGM on April 20, 1999  
*Amends Condition of Approval dated 5/5/99*

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. A Cement Retainer (CR) shall be set at 5650' with ~15 sx pumped below and 15 sx dumped on top. This will replace Specific Condition 1 in original Conditions of Approval.
3. Squeeze holes shall be perforated @ 1630'. A Cement Retainer (CR) shall be set at 1580' with ~46 sx pumped below and 12 sx dumped on top. This will replace Specific Conditions 2A and 2B in the original Conditions of Approval.
4. Squeeze holes shall be perforated @ 405'. A Cement Retainer (CR) shall be set at 350' with ~30 sx pumped below and 6 sx dumped on top. This will replace Specific Conditions 3A and 3B in the original Conditions of Approval.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply and all other requirements in the original Conditions of Approval shall apply.
6. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

January 16, 2002

Date

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION

1/25 Joe Herrera  
Key Energy  
(505) 320-6172

Route original/copy to:

Well File Nathan Fee No. 1  S  
(Ret) \_\_\_\_\_  
(Loc.) Sec 16 Twp 40S Rng 22E (To) \_\_\_\_\_  
(API No.) 4303730491

Perfd 405' set retains  
336, tried to est. inj.  
rate 1000' PSI could not  
inj. let sit 1/2 hr. lost  
500#  
Gil notified - he will  
call asap. (1:40)  
Dump cement on top and  
continue

1. Date of Phone Call: 1/25/02

2. DOGM Employee (name) DUSTIN DOUCET ( Initiated Call)  
Talked to:  
Name Joe Herrera ( Initiated Call) - Phone No. (505) 320-6172  
of (Company/Organization) Key Energy

3. Topic of Conversation: Problems w/ injecting below CR @ 336'

4. Highlights of Conversation: Gil Hunt had given approval to pull out of CR and dump cement on top (8 sk) I concurred. This had been done. Holes had been shot @ 100' and cement circulated to surface. Waiting until Tuesday Jan 29th to dig out cut & cap well. Plugs all set at this time.

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Nathan Fee No. 1       Suspense       Other  
(Return Date) \_\_\_\_\_  
(Loc.) Sec 16 Twp 40S Rng 22E      (To-Initials) \_\_\_\_\_  
(API No.) 4303730491      \_\_\_\_\_

1. Date of Phone Call: 1/25/02      Time: 2:40

2. DOGM Employee (name) DUSTIN DOUCET      ( Initiated Call)  
Talked to:  
Name Joe Herrera      ( Initiated Call) - Phone No. (505) 320-6172  
of (Company/Organization) Key Energy

3. Topic of Conversation: Problems w/ injecting below CR @ 336'  
\_\_\_\_\_  
\_\_\_\_\_

4. Highlights of Conversation: Gil Hunt had given approval to pull out of CR and dump cement on top (8 sk) I concurred. This had been done. Holes had been shot @ 100' and cement circulated to surface. Waiting until Tuesday Jan 29<sup>th</sup> to dig out cut & cap well. Plugs all set at this time.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

SUNDRY NOTICES AND REPORTS OIL WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use application for permit-for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (Specify)		6. Lease Designation and Serial Number FEE
2. Name of Operator MEDALLION EXPLORATION		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6975 UNION PARK CENTER, STE. 310 MIDVALE UTAH 84047		8. Unit of Communitization Agreement N/A
5. Location of Well Footage: 700' FNL & 2000' FEL NW NE CO., Sec. T., R., M.: NW/4NE/4 SEC. 16, T40S, R22E		9. Well Name and Number NATHAN FEE NO. 1
		10. API Well Number 43-03730491
		11. Field and Pool, or Wildcat WILDCAT
		COUNTY: SAN JUAN STATE: UTAH

12 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT (SUBMIT IN DUPLICATE)		SUBSEQUENT REPORT (SUBMIT ORIGINAL FORM ONLY)	
<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to injection	<input type="checkbox"/> Vent of Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Fare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other	
<input type="checkbox"/> Other	Well Status Report		
Approximate Date Work Will Start	1/18/02	Date of Work Completion	

Report results or Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \*Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plugging  
 Plug #1: Set retainer @ 5659'. Pumped 32 sx (16 sx below & 16 sx above). PU to 5509'. Circ hole w/packer fluid.  
 Plug #2: Perforate @ 405'. Set retainer @ 336'. Could not establish injectino reate. Spot 8 sx on top of retainer.  
 Plug #4: Perforate @ 100'. Mix and pump 32 sx. Good returns. ND well head and dug cellar. Cut off well head & installed dry hole marker.

11/29/02 Reseeded location to landowner specifications with a 50# mix of Climat Timothy, Mountain Bromegrass, Slender Wheatgrass, Thickspike Wheatgrass, Yellow Sweet Clover.

RECEIVED

JAN 15 2003

DIV. OF OIL, GAS & MINING

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

Name & Signature - RaSchelle Richens *RaSchelle Richens* Title: Permitting Date: 01/08/03

State Use Only!