

FILE NOTATIONS

Entered In N I D File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief JMB

Copy N I D to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date V/ell Completed 4-30-64

OW..... WW..... TA.....

GW..... OS..... PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 5-19-64

Electric Logs (No.) 3

E..... E-I GR..... GR-N..... Micro

Lat..... Mi-L..... Sonic Others.....

80202

March 9th, 1964

Mr. Jerry W. Long
United States Geological Survey
P. O. Box 1809
Durango, Colorado

RE: DAVIS OIL - #3 COLVERT FED
SW SW, Sec. 22-40S-23E
San Juan County, Utah

Dear Sir:

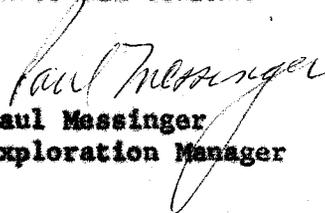
We enclose herewith for your approval, 3 copies of our Intent to Drill the captioned test well together with a copy of the Staking plat. The Designation of Operator is being forwarded directly to your office from Shell Oil Company.

By copy of this letter we are furnishing a copy of the Intent to Drill and Staking Plat to the Utah Oil & Gas Conservation Commission.

We shall appreciate your early attention to approval of this location, and the return to us of the approval copy.

Yours very truly,

DAVIS OIL COMPANY


Paul Messinger
Exploration Manager

FM:pme
encls.

CC: Mr. Cleon B. Feight w/encls
Utah Oil & Gas Conservation
310 Newhouse Building
Salt Lake City, 11, Utah

MAR 10 1964

Copy H. L. C.

	22		
3			
0			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office UTAH
Lease No. U-01890
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

MARCH 9th, 1964

Well No. #3 COLVERT FED is located 645' ft. from [S] line and 550' ft. from [W] line of sec. 22

(SW SW Sec 22) T. 40 S. R. 23 E. of S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

RECAPTURE CREEK SAN JUAN UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill collar~~ drill collar above sea level is 4576.6 ft., Ground Level, ungraded.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE: Formation: Desert Creek ✓
 Est. TD: 6000' ✓
 Rotary Hole: 7-7/8" below base surface casing ✓

CASING: Surface: 13-3/8" @ 100' or more, cmt circ to surface ✓
 Intermediate: 8-5/8" @ 1500' if needed ✓
 Oil String: 5 1/2" set thru producing zone, cmtd to displace 1000' ✓

LOGGING: IES: Base of Surface to Total Depth ✓
 LL: Base of Surface to Total Depth ✓
 GRS: Base of Surface to Total Depth ✓

Good oil field practice will be used in determining the necessity of coring and/or drill stem testing any shows of oil or gas encountered. ✓

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DAVIS OIL COMPANY
120 Midland Savings Building
Address Denver, Colorado 80202

By Paul Messinger
Paul Messinger
Title Exploration Manager

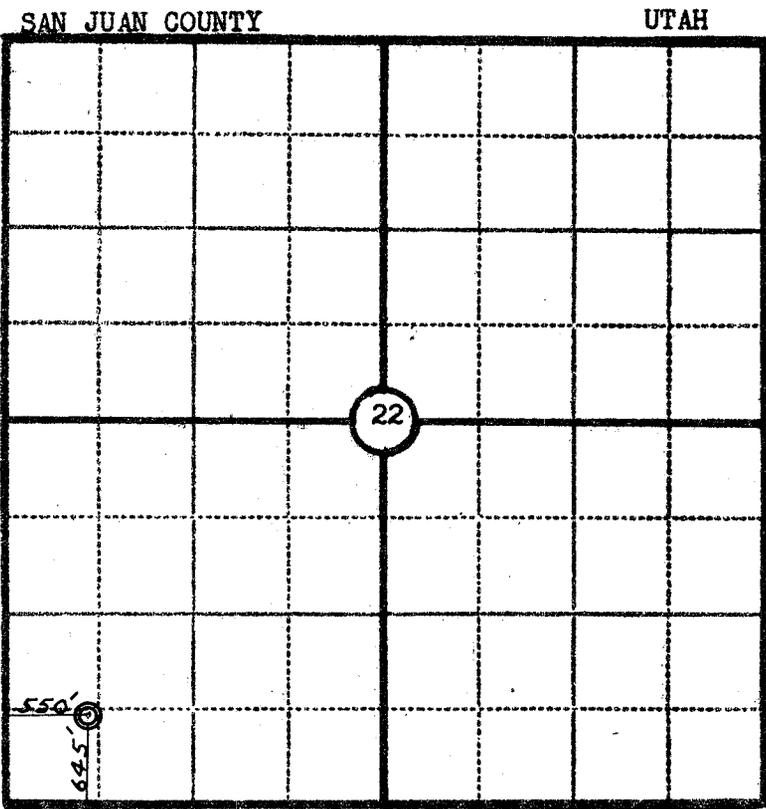
Company DAVIS OIL COMPANY

Lease Colvert Federal Well No. #3

Sec. 22, T 40 SOUTH, R 23 EAST, S.L.M.

Location 645 FEET from the SOUTH LINE, and
550 FEET from the WEST LINE.

Elevation 4576.6' ungraded ground



Scale—4 inches equal 1 mile

This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal: James P. Leese
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

Surveyed 28 February, 1964



March 10, 1964

Davis Oil Company
1020 Midland Savings Building
Denver, Colorado 80202

Re: Notice of Intention to Drill Well
No. COLVERT-FEDERAL #3, 645' PSL
& 550' FWL, of Section 22, T. 40 S.,
R. 23 E., San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill Well No. Colvert Federal #3, is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890 - Salt Lake City, Utah

This approval terminates within 90 days if said well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

We would also be interested in receiving a copy of the "Designation of Operator".

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cnp

cc: Jerry Long, District Engineer
U. S. Geological Survey - Durango, Colorado
H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission - Moab, Utah

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PLUGGING PROGRAM FORM

Name of Company Davis Oil Co. Verbal Approval Given To: Paul Bulker

Well Name: # 3 Colinet Fed. Sec. 22 T. 40S R. 23E County: San Juan

Verbal Approval was given to plug the above mentioned well in the following manner:

Formation Tops (Eled. tops)	
T.D. 5390	(*) plug stop
Rose Desert Creek	5558
Top "	5460
Top Paria Sh	5428
Top of upper Kanab	5394 - Tight (Mud)
Top of upper Kanab	5278
" " Hermosa	4506
" " Organite	2690
De Chelly	2560
Moabian	2380
Shinarump	2315
Chimie	1530
8 5/8" at	1498

Horajo had some water but behind pipe.

① T.D. to 5430 160' across Desert Creek Zone

② 4550 - 4450 - 100' across Hermosa

③ from 2650 to 2550 100' across De Chelly

④ from 1575 - 1450 75' out and 50' in surface casing.

⑤ 88 ft to surface (W.S.) with marker.

⑥ Close off annulus of 13 5/8" with a few lbs of cement.

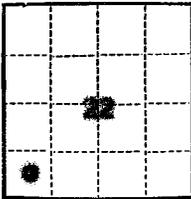
* Also in accordance with H.S. & S.

Date Verbally Approved: April 30, 1964 Signed: Paul M. Burchell

cc: H. L. Coonts, Pet. Eng., Oil & Gas Conservation Commission, Moab, Utah

N.

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **0-01590**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Davis Oil Company _____ **April 30** _____, 19 **64**
No. 3 Colvert Federal

Well No. **3** is located **645** ft. from **N** line and **550** ft. from **W** line of sec. **22**

34 34 Sec. 22 (1/4 Sec. and Sec. No.) **40 S** (Twp.) **23 E** (Range) (Meridian)
Desert Creek (Field) **San Juan** (County or Subdivision) **Utah** (State or Territory)

The elevation of the derrick floor above sea level is **4585** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The No. 3 Colvert Federal shall be plugged as follows:

- | | | | | |
|----|------------------------|------|--------|---|
| 1. | 5590' T.D. up to 5430' | 160' | 50 sxx | Across Desert Creek |
| 2. | 4550' up to 4450' | 100' | 30 sxx | Across Herman |
| 3. | 2650' up to 2550' | 100' | 30 sxx | Across DeChelly |
| 4. | 1575' up to 1450' | 125' | 40 sxx | 75' out of a 50' up into the 8 5/8" surf. casg. |
| 5. | 28' up to 0' | 28' | 10 sxx | Top of 8 5/8" surf. Casg. w/marker. |
| 6. | 11' up to 0' | 11' | 5 sxx | In annulus between 8 5/8" & 13 3/8" pipe. |

The location is to be cleaned up and restored to good condition.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Davis Oil Company**
1020 Midland Savings Bldg.
Address **Denver, Colorado**

Paul R. Buchler
By **Paul R. Buchler**

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

Title **Consulting Geologist**

TE: **7-2064** by *Paul R. Buchler*
CHIEF PET. ENG.

PAUL R. BUEHLER
 PETROLEUM GEOLOGIST
 2775 CRABAPPLE RD.
 GOLDEN, COLORADO
 PHONE CR 9-4323

May 2, 1964

Davis Oil Company
 1020 Midland Savings Bldg.
 Denver, Colorado

Gentlemen:

Enclosed herewith are a descriptive sample log, core description, drill stem test results, chronological log, bit record, mud record, slope test record and plugging procedure from your No. 3 Colvert-Federal, San Juan County, Utah. The formations penetrated and other data are as follows:

DAVIS OIL COMPANY NO. 3 - COLVERT-FEDERAL
 SW SW Sec. 22; T40S; R23E
 San Juan Co., Utah

Elev : 4576' grd; 4586' K.B.
 Comm : April 5, 1964
 Comp : April 30, 1964
 Contr: Cactus Drilg Corp. Rig #18
 Csg : 13 3/8" @ 102'
 8 5/8" @ 1498'
 Mud : Chem Gel
 Hole Size: 7 7/8"

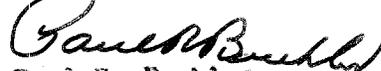
Top	Chinle	1590'	Schlum
"	Shinarump	2916'	"
"	Moenkopi	2980'	"
"	DeChelly	2960'	"
"	Organ Rock	2690'	"
"	Hermosa	4586'	"
"	Upper Ismay	5278'	"
"	Lower Ismay	5994'	"
"	Paradox shale	5028'	"
"	Desert Creek zone	5462'	"
T.D.		5590'	"

Schlumberger measure was 5' deeper than driller's measure at total depth and through the cored interval but appears to be only 2' deeper than driller through the Lower Ismay and DST #1 interval.

The No. 3 Colvert-Federal was structurally 27 feet lower than the No. 2 Colvert-Federal on the top of the Paradox shale. The No. 3 Colvert-Federal did not exhibit water in the core of the Desert Creek zone and did not yield water on the drill stem test of the Desert Creek zone. That portion of the core which contained oil shows had low porosity and therefore yielded some gas and only slightly oil cut mud when drill stem tested. The gas cut mud was heavily gas cut and frothy and is estimated to have increased in volume by about 10 times due to the gas content.

Since no commercial shows of oil or gas had been encountered and all possible producing zones had been drill stem tested and cored, the No. 3 Colvert-Federal was plugged and abandoned.

Very truly yours,


Paul R. Buehler,
Geologist

PRE/j

Davis Oil Co., No. 3 Colvert-Federal, San Juan County, Utah

SAMPLE DESCRIPTIONS

- 4400-4450 Sh, red-brn, slty w/ltl ls, crm-wh, f. xln.
-4500 Sh, red-brn, slty w/btl ls, crm-wh, f. xln; Lt sh, gry.
-4540

TOP HERMOSA 4506' Seclum

- 4540 Sh, red-brn, slty & sh, gry w/ltl ls, crm-wh, f. xln.
-4570 Ls, crm-wh-tan, m. xln w/tr por, tr chert, orange.
-4590 Ls, crm-wh, f. xln-m. xln w/ltl chert, wh & pak.
-4610 Sh, red & sh, gry w/ltl ls as above.
-4640 Sh, red & sh, gry w/ltl ls, wh, v. arenaceous.
-4660 Sh, red & sh, gry w/tr ls, crm, wh, f. xln.
-4670 Ls, crm-tan, f. xln, 50%; Sh, red & sh, brn, 50%.
-4680 Sh, red & brn w/ltl ls as above & ltl chert, white.
-4690 Sh, red & sh, gry w/ls as above, 25%.
-4710 Smpls missing.
-4730 Sh, red & ltl sltat, brn; Tr ls as above.
-4750 Ls, crm-wh, f. xln.
-4800 Sh, red & sh, gry.
-4820 Sh, red & sh, gry w/tr ls, wh, f. xln.
-4840 Same w. ltl chert, white.
-4890 Sh, red & sh, gry w/tr ls, wh, f. xln & ltl chert.
-4950 Sh, red & sh, gry, 90%; Ls, crm-tan, m. xln, 10%; w/ltl chert.
-5000 Sh, red & sh, gry w/ltl ls as above; Consid savings.
-5020 Sh, red & sh, gry w/ltl ls, gry, argill.
-5030 Ls, tan, f. xln, granular sli foss, 50%; Sh, red & gry, 50%.
-5060 Ls, crm-tan, f. xln, granular w/ltl chert.
-5080 Smpls missing.
-5100 Ls as above, 50%; Sh, red & gry, 50%.
-5140 Sh, red & sh, gry, 85%; Ls as above, 15%.
-5190 Sh, gry, calc & ltl ls, gry, argill.
-5210 Ls, gry-tan, f. xln, dns.
-5220 Ls, gry-tan, f. xln, dns w/ltl tan chert.
-5230 Sh, red & sh, gry w/ltl ls as above.
-5240 Ls, crm-tan, f. xln, dns.
-5250 Ls, as above, 50%; Sh, gry & sh, red, 50%.
-5270 Ls, crm-tan, f. xln, dns.

TOP UPPER ISMAY 5278' Seclum

- 5280 Smpl missing.
-5290 Ls, crm-tan, f. xln, dns w/ltl chert.
-5305 Ls, crm-tan, f. xln, dns.
-5325 Ls, crm-tan, f. xln, dns & Ls, crm, m. xln, granular, Ltl sh, gry-drk gry.
-5350 Ls, crm-tan, f. xln, 100%.
-5355 Ls, crm, tan, f. xln.
-5375 No smpls. None coming across shaker.

TOP LOWER ISMAY 5394' Seclum

- 5395 Ls, crm-tan, m. xln w/consid chert.
-5405 Ls, crm-tan, m. xln w/ltl blk chert.
-5425 Ls, crm-tan, f. xln, 100%.
-5430 same.

Davis Oil Co., No. 3 Calvert-federal, San Juan County, Utah

TOP PARADOX Sh 5428' Schlum

- 5435 Ls, cream-tan, f. xln, sli sugrosic, fair brown oil stain, fair oil odor in smpl. Spotty yell fluor. No visible por.
- 5440 Same.
- 5445 Sh, drk gry-blk, 50%; Bs as above, 50%.
- 5455 Sh, blk, sooty.
- 5460 Sh, blk, sooty.

TOP DESERT CREEK zone 5462' Schlum

- 5465 Sh, blk, sooty.
- 5466 (Sh, blk, sooty) (Core 1 hr.).

DST #1 5400-5466' Drlr; 5402-5468' Schlum

- 5466-5470 Sh, blk, sooty; ltl ls, tan, f. xln.
- 5475 Ls, cream-tan, f. xln, argill.
- 5480 Ls, cream-tan, f. xln, granular.
- 5485 Ls as above & anhy, wh, f. xln.
- 5490 Anhy, wh, f. xln & ls, cream-tan.
- 5500 Dolo, tan, f. xln, argill.
- 5510 Ls, gry-tan, m. xln.
- 5510 (Core 1 hr) Ls, gry-tan, m. xln.

CORE #1 5510-5560' Drlr; 5515-5565' Schlum

DST #2 5500-5560' Drlr; 5505-5565' Schlum

- 5585 Sh, drk gry-blk.
- 5585 (Core 1 hr) Sh, drk gry-blk, w/ltl anhy.

T.D. 5590' Schlum

Paul R. Baehler,
Geologist

5590' T.D. 5590'

Davis Oil Co., No. 3 Colvert-Federal, San Juan County, Utah

CHRONOLOGICAL LOG

April 3 Rigging up.
April 4 " "
April 5 Drlg rat hole. Spud 12 1/4" hole @ 6:45 p.m.
April 6 Drlg 12 1/4" hole 0 to 110'. Reamed 12 1/4" hole to 17 1/4" hole.
Ran 3 jts 13 3/8" csg 48# total 90' set at 102' K.B. w/85 sxs
2% CaCl. Plug down 11:30 a.m. Circ cem. good returns. W.O.C.
W.O.C. Drlg 110 to 622' w/11" bit.
April 7 Drlg 11" hole 622' to 1500'. (1" water flow @ 1260')
April 8 Ran 44 jts 8 5/8" csg C.F. & I 24# w/Baker guideshoe. Total 1499'
April 9 set @ 1498' K.B. shoe @ 1498'. Float @ 1465' cemented w/150 sxs
2% CaCl plug down @ 10:00 p.m. W.O.C. Drlg 1500 to 1840'.
April 10 Drlg 1840 to 2580'.
April 11 Drlg 2580 to 2818'.
April 12 Drlg 2818 to 3096'.
April 13 Drlg 3096 to 3377'.
April 14 Drlg 3377 to 3635'.
April 15 Drlg 3635 to 3902'.
April 16 Drlg 3902 to 4164'.
April 17 Drlg 4164 to 4377'.
April 18 Drlg 4377 to 4547'.
April 19 Drlg 4547 to 4651'.
April 20 Drlg 4651 to 4801'.
April 21 Drlg 4801 to 4900'.
April 22 Drlg 4900 to 5027'.
April 23 Drlg 5027 to 5153'.
April 24 Drlg 5153 to 5264'.
April 25 Drlg 5264 to 5351'.
April 26 Drlg 5351 to 5466'.
April 27 Ran DST #1 5400-5466'. Drlg 5466 to 5510'.
April 28 Cutting Core #1 5510-5560'. Began coring @ 5:15 a.m.
End core @ 8:30 p.m. - 15 1/4 hours.
April 29 Ran DST #2 5500-5560'. Drlg 5560-5585'.
Ran Schlum Ind. E.S., GR-Sonic & Microlog.
April 30 Finished Schlum logs. Plugged and abandoned hole.

APR 8 1 1941

Davis Oil Col No. 3 Colvert-Federal, San Juan County, Utah

HIT RECORD

1.	11"	Smith	DT2G	110-490'	380'	12 hours
2.	11"	"	DT	490-1180'	690'	12 "
3.	11"	HTC	OSC-3	1180-1500'	320'	5 1/2 "
4.	7 7/8"	Smith	DTJ	1500-2207'	707'	14 "
5.	"	HTC	G3C	2207-2580'	373'	8 "
6.	"	"	"	2580-2818'	298'	10 3/4 "
7.	"	"	OSC1G	2818-2988'	170'	12 "
8.	"	"	"	2988-3148'	160'	11 "
9.	"	Smith	DT2G	3148-3377'	229'	13 1/2 "
10.	"	HTC	OSC1G	3377-3553'	176'	12 3/4 "
11.	"	Smith	K2P	3553-3673'	120'	10 "
12.	"	HTC	OSC	3673-3881'	208'	14 1/4 "
13.	"	"	"	3881-4071'	190'	14 "
14.	"	"	"	4071-4235'	164'	12 1/2 "
15.	"	"	OSC-J	4235-4390'	155'	14 1/4 "
16.	"	Smith	K2P	4390-4526'	196'	11 3/4 "
17.	"	HTC	OWL	4526-4590'	64'	8 "
18.	"	"	OWV-J	4590-4651'	61'	10 "
19.	"	"	OWC	4651-4771'	120'	12 1/2 "
20.	"	Smith	T-2	4771-4845'	74'	9 3/4 "
21.	"	"	T-2J	4845-4900'	55'	8 1/4 "
22.	"	HTC	OWC	4900-5003'	103'	12 1/2 "
23.	"	"	"	5003-5072'	69'	10 1/2 "
24.	"	"	W7C	5072-5153'	81'	11 1/4 "
25.	"	Smith	C-2	5153-5221'	68'	9 1/4 "
26.	"	HTC	OWL	5221-5293'	72'	11 1/4 "
27.	"	Smith	SV2J	5293-5351'	58'	9 "
28.	"	HTC	OWC	5351-5412'	61'	12 3/4 "
29.	"	"	OWL-J	5412-5466'	54'	5 1/4 "
30.	"	"	OWL-J	5466-5510'	44'	6 3/4 "
31.	7 13/16	Chris	Dia.	5510-5560'	50'	15 1/4 "
32.	7 7/8	HTC (RR-29)	OWL-J	5560-5585'	25'	2 1/4 "

MUD RECORD

Date	Depth	Wt	Vis	Gels	Filt	Cake	P.H.	Salt	Sand
4/12	2981'	9.6	39	0-5	12.6	1/32	9.5	11,000	3/4
4/13	3276'	9.8	38	0-3	8.9	"	"	"	1
4/14	3550'	10.0	49	3-11	36.2	4/32	6.4	15,000	1
4/15	3783'	9.9	35	0-9	42.0	3/32	9.5	15,000	1
4/16	4048'	10.0	33	0-5	34.6	3/32	6.8	15,000	1
4/17	4242'	9.9	38	0-5	18.6	2/32	8.0	9,000	1
4/18	4447'	9.9	37	0-7	14.6	2/32	7.6	9,000	1
4/20	4717'	10.1	35	0-3	16.2	2/32	7.0	7,000	1
4/23	5072'	9.7	35	0-3	10.6	1/32	9.0	1,500	1
4/24	5210'	9.8	38	0-7	8.6	2/32	9.5	5,000	1/3
4/25	5293'	9.8	40	0-5	8.4	1/32	10.0	2,000	1/4
4/26	5381'	9.8	38	0-5	8.0	1/32	10.0	1,900	1/4

4-27-61 YHS

Davis Oil Co., No. 3 Colvert-Federal, San Juan County, Utah

SLOPE TEST RECORD

April 8	1180'	1 3/4°
April 8	1515'	1 1/2
April 10	2200'	3
April 11	2818'	2 1/2
April 12	2985'	1 1/2
April 13	3148'	1 1/4
April 14	3550'	1 1/4
April 15	3881'	3/4
April 18	4526'	3/4
April 21	4900'	3/4
April 25	5300'	1

PLUGGING PROCEDURE

1.	5590' T.D. up to 5430'	160'	50 sxs	Across Desert Creek
2.	4550' up to 4450'	100'	30 sxs	Across Hermosa
3.	2650' up to 2550'	100'	30 sxs	Across DeChelly
4.	1575' up to 1450'	125'	40 sxs	75' out & 50' in 8 5/8"
5.	28' up to 0'	28'	10 sxs	Top 8 5/8" w/marker
6.	11' up to 0'	11'	5 sxs	Annulus between 8 5/8 & 13 3/8" pipe

APR 21 1941

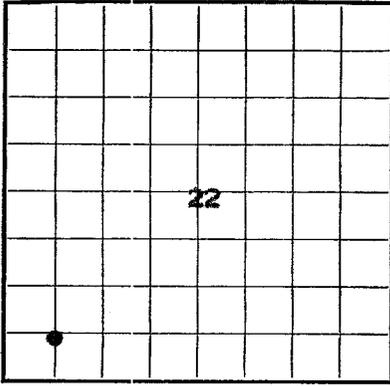
U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

Lse: U-01890

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Davis Oil Company Address 1020 Midland Savings Bldg., Denver, Colo.

Lessor or Tract Colvert Federal Field recapture State Utah

Well No. 3 Sec. 22 T. 48S R. 23E Meridian County San Juan

Location 645 ft. N. of S. 1 Line and 550 ft. E. of W. 1/4 of SE 1/4 Line of Sec. 22 Elevation 4585
(Derrick floor relative to datum)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Paul R. Suchler *(Signature)*

Date May 5, 1964 Title Consulting Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling April 5, 1964 Finished drilling April 30, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from none to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8"	48.7			102' K.B.					Conductor
8 5/8"	26.8			1198' K.B.					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	102' K.B.	85 sxs	Pump & Plug		
8 5/8"	1198' K.B.	150 sxs	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

FOLD MARK

13-3/8"	102' K.B.	85 size	Pump & Plug
8-5/8"	1498' K.B.	150 size	Pump & Plug

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 5590' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 4-20-41, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Cactus Drilg. Corp
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1530'	2316	786'	Chinle
2316'	2380'	64'	Shinarump
2380'	2560'	180'	Moenkopi
2560'	2690'	130'	DeChelly
2690'	4506'	1816'	Organ Rock (Cutler)
4506'	5278'	772'	Hermosa
5278'	5394'	116'	Upper Ismay
5394'	5428'	34'	Lower Ismay
5428'	5462'	34'	Paradox Shale
5462'	5590' T.D.	128'	Desert Creek Zone
FROM—	TO—	TOTAL FEET	FORMATION

MAY 19 1964

FIELD MARK

DATE	TIME	DEPTH	TEMPERATURE	WIND	WAVE	SEA	REMARKS

MUDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	TIME	DEPTH	TEMPERATURE	WIND	WAVE	SEA	REMARKS
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CASING RECORD

April 4 Rigging up.

April 5 Drlg. rat hole. Spud 12 1/4" hole at 6:45 P.M.

April 6 Drlg. 12 1/4" hole 0' to 110'. Reamed 12 1/4" hole to 17 1/4" hole. Ran 3 jts. 13 3/8" csg. 487' total set at 102' K.B. w/85 sxs 2% CaCl. Plug down at 11:30. No returns. W.O.C.

April 7 W.O.C. Drlg 110' to 622' with 11" bit.

April 8 Drlg 11" hole 622' to 1500'.

April 9 Ran 4 jts. 5 7/8" csg. 241' w/Baker guide shoe. Total 1499' set at 498' K.B. Cemented w/150 sxs 2% CaCl. Plug down 10:00 P.M. W.O.C. Drlg 7 7/8" hole 1500' to 1840'.

April 10 to April 26 drilling was continuous from 1840' to 5466'.

April 27 Ran DST # 1 from 5466' to 5488'. Purged formation with tool open 4 minutes with weak blow. Took 30 minute initial shut in. Tool open 2 hours with weak blow. Took 30 minute final shut in. Recovered 80' of drlg. mud. In 2784' IH 2784' ISI 178' IF 133' FF 39' FF 74'

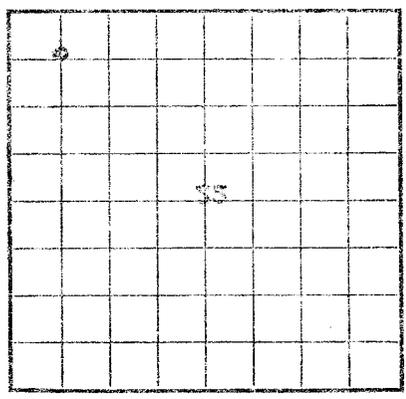
After DST # 1 drlg was resumed from 5466' to 5510'.

April 28 Core # 1 was cut from 5510' to 5560' in the Desert Creek Zone.

April 29 Ran DST # 2 from 5500' to 5590'. Purged formation with tool open 5 minutes with strong blow. Took 30 minute initial shut in. Opened tool for 2 hours with strong blow. Gas to surface in 1 hour and 19 minutes. Took 30 minute final shut in. Recovered 160' of fluid of which 90' was drlg. mud and 1070' was slightly oil cut and heavily gas cut frothy mud. IH 2845' IH 2845' ISI 2282' FSI 1665' IF 133' FF 578'. After DST # 2 drlg. was resumed from 5560' to 5590' P.M.

April 30 Ran Schlumberger Ind. E.S., GR-Sonic, and microlog. Plugged and abandoned hole.

LOCAL WELL CORRELATION



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

WELL NO. _____
TOWN OR RANGE AND SECTION _____
SERIAL NUMBER _____
U. S. FIELD OFFICE

Page 1

PHB

DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661
80202

May 18th, 1964

C

Mr. Jerry W. Long
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

RE: DAVIS OIL - #3 COLVERT FED
SW SW, Sec. 22-40S-22E 283 E
San Juan County, Utah

O

Dear Sir:

We enclose herewith for your approval the plugging report for the captioned test, and for your files 3 copies of the Log of Oil & Gas, and 2 copies of the Geological Report.

P

We apologize for the delay in mailing this material, we just discovered that your copies had not been mailed.

Your earliest possible attention to approval of the plugging will be greatly appreciated.

Y

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger
Paul Messinger
Exploration Manager

PM:pme
CC: Mr. Cleon B. Feight w/encls ✓
Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

MAY 18 1964

R.

490

DAVIS OIL COMPANY

OIL PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

8 July 1964

C
O
P
Y

Mr. Jerry W. Long
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

RE: #3 Colvert Federal
SW SW Section 22
T 40 S, R 23 E
San Juan Co., Utah

Dear Mr. Long:

Enclosed please find for your approval, an original and two copies of the Subsequent Report of Abandonment on the above captioned well.

Your early approval of this report will be greatly appreciated.

Very truly yours,

DAVIS OIL COMPANY
ORIGINAL SIGNED
BY E. L. KARN, JR.

E. L. Karn, Jr.
Production Manager

elk/sm

cc: Mr. Cleon B. Feight

ADJUTANT
JUL

7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1 APPLICATION*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01890

6. IF INDIAN ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Dry Hole

8. FARM OR LEASE NAME

Colvert Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Hampton Creek

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

Sec. 22, T-40S, R-23E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Davis Oil Company

3. ADDRESS OF OPERATOR
1020 Midland Savings Building - Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**SW/ SW/4 645' from south line
350' from west line**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
DF 4585'

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)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

The No. 3 Colvert Federal has been plugged as follows:

1.	5590' T.D. up to 5430'	160'	50 size	Across Hampton Creek
2.	4550' up to 4450'	100'	30 size	Across Hampton
3.	2650' up to 2550'	100'	30 size	Across Hampton
4.	1575' up to 1450'	125'	40 size	75' out of & 50' up into the 8 5/8" surf. casg.
5.	28' up to 0'	28'	10 size	Top of 8 1/8" surf. casg. with marker.
6.	11' up to 0'	11'	5 size	In annulus between 8 5/8" and 13 3/8" pipe.

The location has been cleaned up and restored to good condition. A regulation dry hole marker has been set.

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

SIGNED **BY E. L. KARN, JR.** TITLE **Production Manager** DATE **7/8/64**

(This space for Federal or State office use)

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