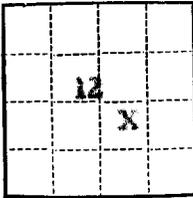


*O&A 9-4-64 Sub. no. of Abcl.*

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<u>11-12-201</u>
OW _____	WW _____ TA _____
SI <input checked="" type="checkbox"/> GW <input checked="" type="checkbox"/>	OS _____ PA _____
Checked by Chief	<u>R.L.S.</u>
Copy NID to Field Office	<u>See Unit</u>
Approval Letter	_____
Disapproval Letter	_____
Location Inspected	_____
Bond released	_____
State of Fee Land	_____
LOGS FILED	Pressure Build-up survey } duplicate copy Well History
Driller's Log	<u>11-22-201</u>
Electric Logs (No. <u>1</u> )	<u>H</u>
E _____	I _____ EI <input checked="" type="checkbox"/> GR _____ GR-N _____ Micro _____
Lat _____	MI-L _____ Sonic <input checked="" type="checkbox"/> Others <u>Perforating Depth Control</u>
<u>Casing Collar Log and Perforating Record</u>	

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah  
Lease No. U-02270-A  
Unit Uintah  
DeKalb- Texaco



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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)

June 8, 1961

Well No. 3 is located 1873 ft. from N line and 2283 ft. from E line of sec. 12  
SW NWSE Section 12 T-10-S, R-20-E S. L. B. & M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. Will run elevation when rig is on location.

DETAILS OF WORK

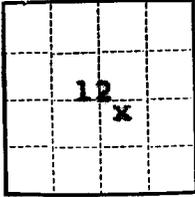
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated total depth 6,200 feet. Plan to drill with Rotary Tools to total depth with gasiated water. It may become necessary to mud up in the incompetent red beds of the Wasatch formation. Cores and tests will be dependent upon oil and gas shows. We plan to set approximately 200 feet of 10-3/4", J-55, 32.75# surface Casing, cemented with 100 sacks. Approx. 5200' of 7" Intermediate casing, j-55, 23#, cemented with 400 sacks cement. Will set 4-1/2" OD, J-55, 11.60# Liner through production zones. Will perforate and frac as sand development and gas shows warrant. Spud in the Uintah Formation, Top of Green River 1280', Top of Wasatch 4590'.

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

Company DEKALB AGRICULTURAL ASSN., INC.  
Box 523  
Address \_\_\_\_\_  
Vernal, Utah  
By \_\_\_\_\_  
Title Geologist

Form 9-331a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-02270-A  
Unit Uintah  
DeKalb-Texaco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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)

September 6, 1961

Well No. 3 is located 1373 ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 2283 ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. 12

NW SE Sec. 12 T-10-S, R-20-E S.L.P.M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ..... ft. **Not Run Yet**

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)

- Sept. 1, 1961 Spud Well at 1:30 P.M.
- Sept 2, 1961 T.D. 167' Ran 6 Jts., 48#, 13-3/8" csg. 148' set at 160' K.B. cemented with 175 sacks regular cement with 2% CaCl. Plug down at 11:00 A.M.
- Sept. 3, 1961 Tested casing held 500 psig, 30 minutes.

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

Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. BOX 523

Vernal, Utah

By D. F. Tadlock

Title Drilling Supt.

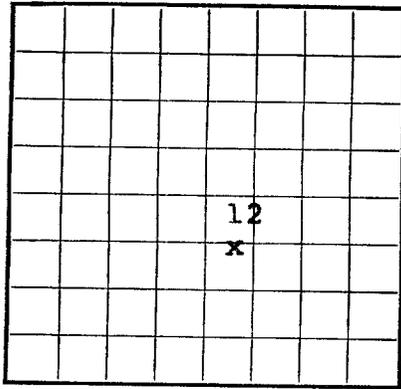
U. S. LAND OFFICE Salt Lake City,  
SERIAL NUMBER U-02270-A Utah

LEASE OR PERMIT TO PROSPECT -----  
Uintah Unit

UNITED STATES DeKalb-Texaco # 3

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn., Inc. Address Box 523, Vernal, Utah  
Lessor or Tract DeKalb-Texaco #3 Uintah Unit Wildcat State Utah  
Well No. 3 Sec. 12 T10-SR20-E Meridian S.L.B.M. County Uintah  
Location 1873 ft. [N.] of S. Line and 2285 ft. [W.] of E. Line of Section 12 Elevation 5068' K.B.  
(Derrick floor relative to sea level)

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 J. F. Dulleck  
Date November 17, 1961 Title Prod. Drilling Supt.

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

Commenced drilling September 1, 1961 Finished drilling October 7, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5540' to 5560' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5610' to 5630' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5750' to 5780' No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 2850' to 2880' No. 3, from 5960' to 6005'  
No. 2, from 3000' to 3110' No. 4, from 6038' to 6090'  
6260' 6280'

## 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#		H-40	160' K.B.	Open ended				Surface
5 1/2"	15.50		J-55	6407' K.B.	Float Guide				Production

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	160' K.B.	w/175 sxs	Pump & Plug	9.0#	Hole Full
5 1/2"	6407' K.B.	375 sxs 50-50 Poz-Mix 4% Gel	Pump & Plug	9.7#	Hole Full

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

FOLD MARK

FOLE

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
* See Below						

TOOLS USED

Rotary tools were used from ~~Surface~~ feet to ~~6505~~ feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

~~November 15,~~ 19 ~~61~~ Put to producing ~~Shut-In Nov. 12,~~ 19 ~~61~~

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 ~~5,300,000~~ Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ~~2575~~ .....

EMPLOYEES

~~Harlon Payton~~ ..... Driller ~~xxxx~~ Pusher ..... ~~Nova Maddox~~ ..... Driller  
~~S.W. Hansen~~ ..... Driller ..... ~~Pom Cunningham~~ ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1346'	1346'	Uintah
1346'	4655'	3309'	Green River
4655'	6505'	1850'	Wasatch
			Total Depth 6505'
* 2 1/8"	Capsule Jet-Schlumberger	4/ft	10-17-61 6265' to 6279' 6083' to 6086' 6052' to 6060' 5982' to 5998' 5965' to 5970'
3 5/8"	Casing Jet-Schlumberger	4/ft	10-23-61 5762' to 5777'

FORMATION RECORD—EXPLANATION

BUILD UP

UINTAH # 3

QKB  
7

7-3-62 Ran two hour flowing test with Northern Petroleum Engineering Co. Amerada Bomb, with first hour build up. Following in the table below is the dead weight surface pressures.

180 HOURS BUILD UP

DATE	TIME	SIPT psig	SIPC psig	REMARKS
7-3-62	4:00 P. M.	646	771	
7-4-62	4:00 P. M.	842	852	
7-5-62	4:00 P. M.	932	885	
7-6-62	4:00 P. M.	958	911	
7-7-62	4:00 P. M.	983	936	
7-8-62	4:00 P. M.	998	952	
7-9-62	4:00 P. M.	1013	967	
7-10-62	4:00 P. M.	1027	971	BHT 156°

Apparently this well is bridged with sand on the annulus

Net Build Up 180 Hours      381 psig  
 Net Build Up 24 Hours      194 psig

See Northern Petroleum Engineering Company's report for Bottom Hole Pressure

DEKALB AGRICULTURAL ASSOCIATION, INC.

Uinto #9, Uintah County, Utah

PRESSURE BUILDUP SURVEY

A flowing pressure gradient was run with Amerado RFB 3 pressure gage #17843N (0 to 3500 psi) and a 3 hour clock at 3:50 PM, 7/3/62. The following steps were made:

<u>FE DEPTH</u>	<u>EXTENSION Inches</u>	<u>PRESSURE PSIG</u>	<u>GRADIENT PSI/IN</u>
0	.3355	578	
		.....	.027
1000	.3435	595	
		.....	.025
2000	.3515	610	
		.....	.024
3000	.371	644	
		.....	.029
4000	.402	697	
		.....	.024
5000	.427	741	
		.....	.026
5500	.440	764	
		.....	.028
5750	.447	776	
		.....	.024
6000	.452	802	
		.....	.032
6250	.481	835	

The above gradient shows some fluid in the bottom 500' of the hole. The gage was on bottom at 3:50 PM, 7/3/62.

<u>Time &amp; Date</u>	<u>Hours Flowing</u>	<u>Extension Inches</u>	<u>Pressure @ 6250' @ PSIG</u>
3:50 PM, 7/3/62	0	.481	835
	1/2	.481	835
4:00 PM, 7/3/62	1/6	.481	835

The well was shut in at 4:00 PM, 7/3/62.

<u>Time &amp; Date</u>	<u>Hours Shut in</u>	<u>Extension Inches</u>	<u>Pressure @ 6250' @ PSIG</u>
4:00 PM, 7/3/62	0	.481	835
	1/4	.493	856
	1/2	.499	867
	3/4	.508	874
5:00 PM, 7/3/62	1	.506	879

The well was pulled and rerun with a 180 hour clock. On bottom at 6:00 PM, 7/3/62.

<u>Time &amp; Date</u>	<u>Hours Shut in</u>	<u>Extension inches</u>	<u>Pressure @ 6250' KB psig</u>
5:30 PM, 7/3/62	1 1/2	.513	888
	2 1/2	.5195	902
	3 1/2	.526	914
	4 1/2	.531	923
	5 1/2	.536	931
	6 1/2	.540	938
	7 1/2	.544	945
	8 1/2	.548	952
	9 1/2	.552	959
	10 1/2	.556	966
	11 1/2	.560	973
	13 1/2	.567	985
	15 1/2	.5735	996
	17 1/2	.579	1003
	19 1/2	.584	1015
	21 1/2	.589	1024
	23 1/2	.5935	1032
	25 1/2	.598	1040
	27 1/2	.602	1045
	29 1/2	.606	1049
	31 1/2	.605	1052
	33 1/2	.607	1055
	35 1/2	.609	1059
	37 1/2	.6125	1065
	39 1/2	.616	1071
	41 1/2	.619	1077
	43 1/2	.622	1082
	45 1/2	.625	1087
	47 1/2	.628	1092
	49 1/2	.6325	1100
	51 1/2	.6365	1107
	53 1/2	.6405	1114
	55 1/2	.644	1120
57 1/2	.6475	1126	
59 1/2	.651	1132	
61 1/2	.654	1138	
63 1/2	.657	1143	
65 1/2	.660	1148	
67 1/2	.6625	1152	
69 1/2	.6665	1159	
71 1/2	.670	1165	
73 1/2	.673	1171	
75 1/2	.676	1176	
77 1/2	.679	1181	
79 1/2	.681	1186	

2:30 PM, 7/10/62

The pipe was pulled at 4:00 PM, 7/10/62.

Bottom hole temperature 160° F.

- 500-600 Shale light gray, light gray-green, micro-micaceous, very silty and trace sandy streaks at 550-60 trace limestone, fragment oolitic, arenaceous.
- 600-700 Interbedded siltstone, shale, light gray, micro-micaceous, with scattered sandy streaks trace gray-tan, den dolomite streaks.
- 700-710 Dolomite, light cream, light cream-tan, light gray-cream, crypto xln, slightly arenaceous, hard tite, trace siltstone Sandstone, light gray, very fine grained, calcareous, micro micaceous, trace shale light gray.
- 710-720 Siltstone, sandstone, light gray, very fine to fine grained, calcareous slightly micro-micaceous trace black carbonaceous flecks trace dolomite as above.
- 720-730 Interbedded dolomite, siltstone and sandstone.
- 730-770 Siltstone, sandstone, light gray, very fine to fine grained, slightly calcareous micro-micaceous, very argillaceous, trace gray silty shale very scattered trace black with globules in porosity.
- 770-780 Shale light gray, calcareous blocky, firm, slightly micro-micaceous weak trace silty streaks.
- 780-820 Shale as above with very silty and sandy streaks.
- 820-900 Missing.
- 900-950 Shale light gray-tan, tan, very light gray-brown, dolomitic slightly micro-micaceous, very firm, blocky, with trace very scattered interbedded sandstone, very light gray, very fine grained, calcareous, slightly micro-micaceous, very firm, tite.
- 950-970 Shale as above with increase in interbedded sandstone and siltstone.
- 970-980 Siltstone, sandstone, very light gray, very light tan-gray, very lightgray, very fine to fine grained, calcareous, micro-micaceous, slightly carbonaceous, argillaceous very firm, tite.
- 980-1000 Shale light gray-tan, very light gray, brown, dolomite with interbedded siltstone, sandstone, trace carbonaceous brown flecks.
- 1000-1050 Shale, light gray-tan, light to dark tan, light gray-brown, very dolomitic, slightly micro-micaceous, blocky, very firm, to carbonaceous inclusions, trace very light gray tuff.
- 1050-1070 Sandstone, light gray, fine to medium grained, calcareous micro-micaceous, very poor porosity, with flecks of brown oil stain, trace dolomitic brown, shale inclusions, slightly musty odor.
- 1070-1100 Shale, brown, gray-brown, gray-tan, tan, very dolomitic slightly micro-micaceous, very firm, blocky, with very scattered silty inclusions, very scattered dull yellow fluorescence.

- 1170-1180 Shale light gray-brown, tan, light gray-tan, very dolomitic, slightly micro-micaceous very firm, blocky, slightly musty odor, very scattered trace silty and sandy inclusions, very scattered dull yellow fluorescence and cut.
- 1130-1140 Siltstone, sandstone, very light gray, very fine to fine grained, calcareous micro-micaceous firm, tite, trace interbedded shale as above, trace white tuff.
- 1140-1170 Shale light to dark tan, very light gray-tan, very dolomitic, slightly micro-micaceous, dull yellow brown fluorescence and cut trace brown oil stain and globules, slightly musty odor.
- 1170-1200 Shale, gray-brown, gray-tan, dolomite, firm, blocky slightly musty odor.
- 1200-1270 Shale, light to dark tan, very dolomitic, slightly micro-micaceous, with light brown oil stain, trace calcite slightly musty odor.
- 1270-1280 Sandstone, light gray, medium grained, angular to sub-rounded, clear frosted, grains, trace light gray to black chert grains, trace very light green, accessory mineral trace red-brown flecks, micaceous, calcareous very firm tite.
- 1280-1300 Siltstone, sandstone gray, light gray, very fine to fine grained, calcareous, slightly argillaceous, very firm, tite, trace carbonaceous streaks, pseudo oil stain.
- 1300-1310 Shale, light to medium tan, very light gray tan, dolomite, firm, blocky weak trace siltstone as above.
- 1310-1370 Shale as above with light brown slightly micro-micaceous, slightly musty odor, very scattered oil stain.
- 1370-1380 Shale brown, gray-brown, sub-waxy, dolomite, firm, blocky, oil stained, musty odor.
- 1380-1390 Missing.
- 1390-1400 Shale as above.
- 1400-1410 Shale, tan to brown, sub-waxy, firm, blocky dolomite, with trace gilsonite musty odor.
- 1410-1420 Missing.
- 1420-1480 Shale, very light to dark brown, tan, slightly sub-waxy dolomite, firm, blocky, scattered oil stain trace soft black gilsonite, musty odor.
- 1480-1500 Shale as above with very good trace gilsonite.
- 1500-1540 Shale light tan, tan, dolomite, firm, tite, musty odor weak trace gilsonite, trace nonchulite, calcite.
- 1540-1570 Shale as above becoming predominate light brown.
- 1570-1590 Shale as above.
- 1590-1600 Shale, light tan, tan, earthy, firm, blocky, dolomite musty odor.
- 1600-1610 Shale, light tan, tan, brown, dolomite, firm, blocky trace sub-waxy streaks with oil stain musty odor.

- 1610-1630 Shale very light tan, tan, very light brown earthy, soft, sub-waxy, oil stained, musty odor trace white nodulite.
- 1630-1690 Shale, very light tan, tan, trace brown, dolomite firm, blocky slightly aminated, trace gypsum.
- 1690-1700 Missing lost circulation at 1730 feet.
- 1700-1760 Missing.
- 1760-1800 Shale, light tan, tan, dolomite, firm, blocky, musty odor, weak trace gilsonite, trace brown waxy dolomite oil stain shale
- 1800-1900 Shale, light to dark brown, gray-brown, dark tan, dolomite very firm, blocky, very musty odor, trace black carbonaceous shale along frac planes.
- 1900-2000 Shale light to dark brown, gray-brown, dark tan, dolomite, very firm, blocky, musty odor, very scattered brown oil stain.
- 2000-2100 Shale, very light to dark brown, gray-brown, tan, with earthy streaks dolomite, very firm, blocky, musty odor, very scattered trace brown oil stain, trace black carbonaceous stain along frac. trace soft, pliable, dolomite brown, shale.
- 2100-2150 Shale, very light to dark brown, gray-brown, tan, with earthy streaks, dolomite, very firm, blocky with trace soft, elastic, dolomite, brown, shale, very scattered brown oil stain and saturated oil stain shale.
- 2150-2170 Shale as above with considerable light gray-green shale, and cement with gilsonite which was used to squeeze at 1730'.
- 2170-2300 Shale, very light gray-tan, light tan, very dolomitic, very firm, blocky, trace dolomite gray-tan, micro-xln, argillaceous trace brown sub-waxy dolomite shale. Fair trace gilsonite and cement from squeeze job.
- 2300-2320 Shale light gray-green, sub-fissile, slightly calcareous with very scattered silty streaks cavings? with considerable squeeze material (cement and gilsonite plus celo-seal).
- 2320-2400 Shale light to dark brown, tan, slightly earthy, dolomite, firm blocky, musty odor.
- 2400-2500 Shale, light to dark brown, tan, scattered earthy streaks, firm, blocky, musty odor, fair trace cement gilsonite and celo-seal).
- 2500-2570 Shale, light to dark brown, gray-brown, tan, gray-tan, dolomite firm, blocky with fair trace squeeze material.
- 2570-2580 Shale as above trace dolomite-limestone, cream, cream-tan, crypto xln.
- 2580-2600 Shale as above considerable cement squeeze material.
- 2600-2700 Shale, very light to dark brown, dolomite, firm, blocky, with copious amount cement gilsonite celo seal, squeeze material, Very poor sample.
- 2700-2800 Shale very light to dark brown, dolomite, firm, blocky with squeeze material, poor samples.
- 2800-2900 Shalek very light to dark-brown, gray-brown, dolomite, firm, blocky, musty odor contaminated with squeeze material.

- 2900-2940 Shale very light to dark brown, gray-brown, dolomite, firm, blocky, musty odor.
- 2940-3000 Shale as above with fair trace dolomitic limestone, very light cream-tan, tan.
- 3000-3100 Shale light gray, very light gray-green, very light green, sub-fissile, firm, slightly calcareous to predominately considerable cement squeeze contamination, very poor sample.
- 3100-3140 Shale as above sample predominately squeeze contamination (Gilsonite and cement).
- 3140-3180 Shale, very light gray, very light gray-green, very light green, very light green-tan, sub-fissile to blocky slightly calcareous firm.
- 3180-3200 Shale as above with trace limestone, very light tan, cream-tan, den, trace cement squeeze contamination.
- 3200-3240 Shale as above with copious and gilsonitic. Very poor sample.
- 3240-3260 Shale, very light gray, very light green-gray, light green, very light rusty-red, sub-fissile firm, very poor sample.
- 3260-3270 Shale, light to dark brown, very dolomitic firm, trace sandstone white, very light gray, very fine to fine grained, slightly calcareous.
- 3270-3300 Siltstone, sandstone, very light gray, white, very fine to fine grained, very calcareous, with trace interbedded limestone very light tan, tan, trace oil stain, trace shale light gray, very light green, poor sample.
- 3300-3330 Limestone, dolomitic limestone, cream-tan, tan, very light brown, den tite, slightly argillaceous trace siltstone, very light gray, calcareous trace green, very light green shale and siltstone.
- 3330-3360 Siltstone, sandstone, very light gray, very fine to fine grained, calcareous, slightly micaceous trace pyrite trace light cream oolites and ostracoda trace very light green-gray, calcareous shale, trace cream-tan, limestone dolomitic limestone.
- 3360-3370 Interbedded siltstone sandstone and shale as above with weak trace limestone.
- 3370-3400 Shale very light gray, very light gray-green, sub-fissile to fissile firm, calcareous with trace silty streaks poor sample. Considerable gilsonite, cement and celo seal.
- 3400-3470 Shale, very light green, very light gray-green, very light gray, sub-fissile calcareous with interbedded silty and sandy streaks, and trace limestone cream-tan, cream-white, den samples contain fair amount gilsonite from up the hole.
- 3470-3500 Shale as above with considerable contamination from "fluid gilsonite".
- 3500-3540 Shale, very light green to gray light gray tan, trace siltstone sandstone, very light gray, very light gray-tan, very fine grained, calcareous micro micaceous very scattered trace porosity trace limestone tan to brown den very poor samples.

- 3540-3600 Shale as above with interbedded limestone and sandy streaks trace ostracodal. Poor sample.
- 3600-3640 Shale, light gray, very light green-gray, very light gray-tan, calcareous with silty to sandy inclusions, weak trace limestone, cream-tan, ostracodal.
- 3640-3700 Sandstone, very light gray, very light green-gray, very fine to fine grained, calcareous with interbedded shale light gray-green, light gray.
- 3700-3770 Shale, light gray, light green-gray, calcareous, with interbedded silty and sandy streaks, very poor samples, considerable cavings.
- 3770-3800 Shale as above with trace brown den, dolomite, trace brown dolomitic shale.
- 3800-3820 Missing.
- 3820-3830 Shale, light gray-green, light gray, light gray-tan, sub-waxy lustre, calcareous firm, trace limestone tan to brown, contaminated with gilsonite.
- 3830-3840 Missing.
- 3840-3900 Shale, light gray-green, light gray, very light gray-tan, with trace red-green, very light red-brown, slightly sub-waxy lustre, calcareous firm, with very scattered silty and sandy inclusions.
- 3900-3940 Shale, light gray-green, very light gray, light red-gray, light red green, light red-brown, purple, slightly meta-bentonite, firm, blocky with trace siltstone and sandstone inclusions.
- 3940-3960 Shale as above with very silty and sandy streaks.
- 3960-4000 Shale, light gray-green, light green-tan, slightly sub-waxy calcareous firm, with silty inclusions.
- 4000-4030 Interbedded shale light gray-green, light gray, light gray tan, slightly calcareous and sandstone very light gray very light green-gray, very fine to fine grained, calcareous argillaceous firm tite.
- 4030-4100 Shale, light to dark gray, gray-brown, sub-waxy, dolomite, firm, blocky.
- 4100-4170 Shale, light gray, gray-green, gray-tan, fissile calcareous.
- 4170-4180 Shale light to dark brown, tan, sub-waxy, to earthy, dolomite firm, blocky.
- 4180-4200 Limestone, cream, cream-tan, tan, crypto to micro-xln, den tite, dull yellow tan fluorescence slightly cut with  $\text{CCl}_4$ .
- 4200-4220 Shale, light gray-green, light gray, firm, sub-fissile slightly calcareous, trace limestone cream-tan, cream, micro-xln, moderate trace sandstone very light gray, white, fine grained calcareous.
- 4220-4240 Shale as above with good trace sandstone white, very light gray, fine grained, calcareous, trace brown sub-waxy dolomitic shale.

- 4240-4300 Shale, light gray-green, very light gray, sub-fissile firm, slightly calcareous, trace limestone cream-tan, tan, micro xln, considerable cavings.
- 4300-4330 Shale, light gray-green, very light gray, sub-fissile, fissile slightly calcareous with very scattered trace silty streaks. trace dolomite, dolomitic limestone, tan cream-tan, micro xln, firm, tite.
- 4330-4370 Shale as above with very scattered trace white siltstone, very weak trace dolomitic limestone, tan.
- 4370-4390 Shale as above with very scattered trace white, siltstone, with fair trace dolomitic limestone, tan den.
- 4390-4400 Shale as above with trace brown, dolomite firm, sub-waxy, shale, trace siltstone, sandstone white very fine grained, calcareous.
- 4400-4410 Shale, light gray, light green-gray, gray-tan, sub-fissile, slightly calcareous with very scattered silty inclusions.
- 4410-4440 Interbedded shale, light gray, gray-green, and sandstone white very light gray, very fine to fine grained, slightly calcareous.
- 4440-4450 Interbedded shale, light gray, gray-green and shale white, very light gray, very fine to fine grained, slightly calcareous trace brown, dolomitic shale.
- 4450-4460 Siltstone, sandstone, white, very light gray, very fine to fine grained, calcareous, slightly micaceous, trace shale.
- 4460-4480 Siltstone, and sandstone as above with fair trace shale light gray, light gray-green, brown.
- 4480-4500 Shale, light gray, very light green gray, sub-fissile calcareous.
- 4500-4530 Shale, light gray-green, very light gray, sub-fissile, fissile slightly calcareous, with scattered trace interbedded siltstone, sandstone white, very fine grained.
- 4530-4540 Shale as above with fair trace shale, brown, gray-brown, tan, dolomite firm, blocky, trace dolomitic limestone tan.
- 4540-4570 Dolomitic limestone, limestone brown, gray-brown, tan, micro xln, very argillaceous firm, tite.
- 4570-4580 Dolomitic limestone, limestone as above trace dolomitic limestone, cream-tan, very light tan, micro-xln, weak trace light gray-green shale.
- 4580-90 Dolomitic limestone, limestone as above with fair trace gray-green, very light gray, shale.
- 4590-4595 Shale, light gray-green, very light gray, sub-fissile, slightly calcareous, with trace siltstone, sandstone, white very fine grained, calcareous, trace dolomitic limestone tan.
- 4595-4600 Shale as above with fair trace dolomitic limestone, tan, gray-tan, den tite.
- 4600-4605 Siltstone, sandstone, white very light gray, very fine to fine grained, slightly calcareous, very friable unconsolidated.
- 4604-4610 Interbedded siltstone, sandstone, as above with shale light gray-green, very light gray, sub-fissile, trace gray-tan, tan shale.

- 4610-4630 Shale, light to dark brown, tan, gray-tan, firm, blocky, dolomitic, trace dolomitic limestone, cream-tan, tan, brown den tite, very scattered trace brown oil stain, 200 unit gas kick.
- 4630-4660 Shale as above with fair trace limestone, dolomitic limestone, cream-tan, tan, crypto to micro xln, slightly oolitic, ostracodal with trace shale gray-green, light gray, trace sandstone white, very fine grained, calcareous.
- 4660-4700 Shale, very light gray, light gray-green, green, sub-fissile, to blocky with scattered silty inclusions weak trace sandstone white very fine grained, hard tite, trace limestone cream-tan, light tan, crypto to micro-xln.
- 4700-4720 Shale, very light gray, very light gray-green, sub-fissile to blocky, with scattered silty and sandy streaks.
- 4720-4730 Shale, as above with fair trace interbedded siltstone and sandstone stringers, white, very light gray, fine to medium grained, weak trace pyrite.
- 4730-4780 Shale as above with trace rusty-brown, red-purple soft, meta-bentonite, trace sandstone white, very fine to fine to medium grained, angular to sub-rounded, clear frosted, very light pink very light orange, very light amber quartz grains with very scattered trace light gray to black chert grains, trace very light green accessory mineral, slightly calcareous kaolinitic firm tite, trace gypsum in shale.
- 4780-4790 Missing.
- 4790-4800 Shale varicolored with silty and sandy stringers.
- 4800-4840 Shale varicolored, meta-bentonite, firm, blocky to sub-fissile, trace gypsum inclusions trace silty and sandy stringers very poor samples.
- 4840-4920 No samples.
- 4920-4930 Sandstone, sand white, very light gray, fine to medium grained, angular to rounded, clear frosted with occasional very light pink, very light orange, quartz grain, occasional light gray to black chert grains, slightly micaceous, slightly calcareous kaolinitic trace varicolored shale.
- 4930-5000 Shale varicolored, predominate red-brown and light gray-green, meta-bentonite, firm, blocky with occasional silty and sandy inclusions. Poor samples due to by passing shale shaker.
- 5000-5100 Shale, predominately red-brown, light gray-green, with red-purple yellow-red, green-red gray-brown, yellow-green, meta-bentonite firm, blocky with scattered silty and sandy streaks, trace gypsum, poor samples.
- 5100-5140 Shale, varicolored as above with scattered silty and sandy streaks, trace gypsum white succrosic.
- 5140-5200 Shale as above with very silty and sandy red-brown shale. Poor samples.
- 5200-5250 Shale varicolored, meta-bentonite, firm blocky, with very scattered very silty and sandy streaks, trace gypsum.
- 5250-5280 Shale varicolored as above with fair trace shale, very light rusty-red, soft, very silty.

5280-5300 shale varicolored as above.

5300-5400 Shale, light gray-green, light gray, gray-red, rusty-red, very light red-brown, yellow-red, purple, meta-bentonite firm, blocky with very scattered very silty inclusions trace gypsum, very poor samples.

5400-5430 Shale varicolored, meta-bentonite, firm, blocky, with scattered silty inclusions, trace gypsum, occasional trace very light gray, fine to medium grained, sandstone, Poor samples.

5430-5450 Sand, sandstone, very light gray, very light green-white, fine to medium grained, angular to sub-rounded, clear frosted with trace very light orange and pink quartz grains. Weak trace light gray to black chert grains, trace black to green accessory mineral, trace very light green interstitial clay, considerable shale.

5450-5500 Shale varicolored with trace interbedded siltstone, occasional trace sandstone.

5500-5520 Shale varicolored with scattered interbedded silty and sandy inclusions.

5520-5557 No samples - lost circulation.

5557-5600 Shale, varicolored predominate green-gray, red-brown, trace interbedded siltstone and sandstone stringers, trace gypsum poor samples due to lost circulation.

5600-5620 Shale varicolored, meta-bentonite, firm, blocky, with interbedded thin silty and sandy streaks, trace gypsum.

5620-5630 Sandstone, light gray, very light green-gray, very fine to fine grained, with very light varicolored quartz grains, and white, clear frosted quartz grains, trace green to black accessory mineral trace pyrite, kaolinitic very slightly calcareous, very firm, tite no show in samples trace shale as above.

5630-5640 Sandstone as above, no cut, no fluorescence, copious amount of shale as above.

5640-5660 Shale, varicolored with trace silty and sandy inclusions.

5660-5700 Missing - Lost circulation.

5700-5730 Shale, red-brown, red-purple, red-green, gray-green, green, yellow-gray, gray, meta-bentonite, firm, blocky with very scattered silty streaks, trace gypsum (poor samples, by passing shaker)

5730-5760 Shale as above fair trace very light gray siltstone, sandstone, very fine grained, slightly calcareous, slightly argillaceous, slightly micro-micaceous, trace dolomitic limestone, varicolored crypto xln, very den tite.

5760-5770 Shale as above with trace sandstone, very light gray, very light gray white, fine to medium grained, sub-angular to rounded clear frosted quartz grains, slightly calcareous kaolinitic, firm tite.

- 5770-5800 Shale as above trace dolomitic limestone, nodules, trace gypsum, scattered trace siltstone, and sandstone.
- 5800-5820 Shale varicolored meta-bentonite, firm, blocky with silty and streaks and fair trace sandstone light green, very light gray-green, very light gray-white, very fine to fine to medium grained, sub-angular to rounded clear frosted with occasional very light pink, very light orange quartz grains weak trace light gray to black chert grains, trace very light green accessory mineral trace very light green interstitial clay, trace chlorite mica, trace gypsum trace varicolored limestone nodules, slightly calcareous slightly kaolinitic, very firm, tite.
- 5820-5830 Missing.
- 5830-5900 Shale varicolored, trace gypsum trace varicolored limestone nodules very scattered good trace very light gray siltstone, very calcareous.
- 5900-5910 Shale, varicolored, meta-bentonite, firm, with scattered trace silty inclusions, trace sandstone, white, very light gray, light red-gray, very fine to medium grained sub-angular to sub-rounded, clear frosted with light orange, light pink quartz grains, trace light gray to black chert grains, biotitic and chlorite mica, calcareous kaolinitic, trace gypsum, trace limestone nodules.
- 5910-5940 Shale as above with good trace siltstone, sandstone as above. Poor samples.
- 5940-5980 Shale as above trace gypsum trace siltstone, trace limestone nodules. Poor samples.
- 5980-6000 Siltstone, sandstone, white, very light green-gray, very fine to fine to medium grained, sub-angular to rounded, clear frosted, very light varicolored quartz grains, trace very light gray to black chert, trace mica, slightly calcareous, kaolinitic, firm, tite, considerable shale as above.
- 6000-6030 Siltstone, sandstone, very light green, very light green-gray, very light green-white, very fine to fine to medium grained, slightly calcareous kaolinitic, slightly argillaceous firm, tite, with considerable shale red-brown, green-gray, meta-bentonite, very trace gypsum. Poor samples, bypassing shale shaker.
- 6030-6050 Shale varicolored, trace gypsum, trace siltstone.
- 6050-6070 Sandstone, very light gray-white, very light gray-green, fine to medium grained, slightly calcareous, kaolinitic trace mica, firm, tite fair trace shale.
- 6070-6100 Shale varicolored, trace siltstone, sandstone as above.
- 6100-6130 Shale, red-brown, red-purple, red-gray, gray-green, gray, dark gray, yellow-gray, meta-bentonite, firm, blocky scattered streaks interbedded siltstone, trace limestone nodules, trace gypsum.

- 6130-6140 siltstone, sandstone, very light green-white, very light gray, fine to medium grained, angular to sub-rounded, clear frosted, occasional trace very light pink orange quartz grains, weak trace gray to black chert grains, trace black and green accessory mineral trace mica, slightly calcareous, slightly kaolintic, firm, tite, fair trace shale.
- 6140-6200 Shale as above with moderate trace siltstone, and sandstone.
- 6200-6230 Shale, varicolored with scattered silty and sandy inclusions, lost circulation at 6236, lost mud in frac at 1720.
- 6230-6240 Shale varicolored, with considerable contamination cement gilsinite, frac sand.
- 6240-6260 Shale varicolored, meta-bentonite, firm, with scattered trace interbedded siltstone, sandstone stringers, white, very light gray, very fine to fine to medium grained, slightly calcareous, kaolinitic firm, tite.
- 6260-6300 Siltstone, sandstone, white, very light gray, very fine to fine grained, sub-angular to rounded, clear frosted, with trace very light pink very light orange, quartz grains, trace black to very light gray chert grains, trace black to green accessory mineral, trace mica, slightly calcareous, kaolintic with scattered very argillaceous streaks, trace shale as above, very poor samples bypassing shaker.
- 6300-6330 Sandstone, very light green-white, very light gray, white, fine to medium grained, sub-angular to rounded clear frosted, trace light varicolored quartz grains, trace gray to black green accessory mineral, trace mica, fairly calcareous in streaks, trace kaolinitic cement, trace very light green interstitial clay, firm, tite no fluorescence or cut with UG1, trace shale as above.

OPERATOR: DEKALI AGRICULTURAL ASSN., INC.

WELL: UINTAH UNIT # 3

LEASE NUMBER: U-02270-A

LOCATION: 1873' PSL, 2283' FEL Sec. 12, T-10-S, R-20-E (S.L.B.M.)  
Uintah County, Utah

ELEVATION: 5058.18 G.L., 5068 K.B.

TOTAL DEPTH 6505'

DATE COMMENCED: September 1, 1961 1:30 P. M.

DATE FOR UNDER SURFACE: September 3, 1961

DATE REACHED TOTAL DEPTH: October 7, 1961

DATE COMPLETED: November 15, 1961

CASING: SURFACE: 13-3/8", 48#, H-40 csg set at 160.88' K.B. with  
175 sxs Regular cement plus 2% Ca Cl  
PRODUCTION: 5-1/2", 15.5#, J-55 csg set at 6407' K.B. with  
375 sxs 0-50 poz-mix plus 4% gel, 1/4# flo seal per sack.

PERFORATIONS: Schlumberger 3-5/8" casing set at 5762 to 5777 feet with 4/ft.  
Schlumberger 2-1/8" Capsule jet shot at 5965' to 5970',  
5982 to 5998', 6052' to 6060', 6083' to 6086' and 6265' to  
6279' with 4/ft.

PRODUCTION: 5,300 MCF/D

CONTRACTOR: CALVERT EXPLORATION DRILLING COMPANY

TYPE RIG: IDECO H-525

SOLE SIZE: Drilled 11" hole from 167 to 2050 feet  
Drilled 7-7/8" hole from 2050 to 6500 feet

FORMATION LOGS:

Uintah Formation	Spudded in
Green River Formation	1346
Wasatch Formation	4655
Total Depth	6505

DRILLING TIME: One foot drilling time was maintained mechanically by means  
of a Geograph Recorder.

SAMPLE PROGRAM: One set of sample cuttings was caught at 10 foot intervals  
from surface to total depth and sacked in cloth bags

**CORES:** None cut

**DRILL STEM TESTS:** None taken due to hole conditions.

**MUD PROGRAM:** Drilled with water from under surface casing to 4700 feet. used a low solids mud from 4700 to total depth. It was necessary to keep mud weight at 9.5 lb/gal to keep water flow contained. Lost circulation zones in Green River, particularly at 1720 feet, broke down three times after being cemented off. So it was also necessary to maintain as low weight as possible.

**LOST CIRCULATION:** Lost circulation zones was pin pointed at 1710 to 1730 feet by McCulloughs Radio-Active tracer log. This was also the interval where drilling fluid was first lost. Fluid losses occurred at deeper depths but it is believed the 1710 foot zone was re-breaking down.

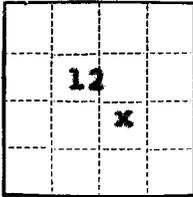
**WATER FLOWS:** It appears from drilling data and logs that the main high pressure water zones are located at 2850 to 2880 feet and 3056 to 3112 feet.

**SHOWS OF OIL OR GAS:** Residual black oil occurred in scattered amounts in almost all porous sands in the Uintah Formation. Residual tarry gilsonite "ropes" and "snakes" as well as a blackish brown oil scum came from fractured brown dolomitic shales of the Green River Formation. Occasional scattered traces of brown oil staining was observed in some of the sands in the Green River Formation. Slight to moderate mud logger "kicks" were recorded throughout the sands penetrated in the Wasatch Formation. Only those sands which gave the better mud logger "kicks" and indicated production from electric log analysis were perforated and fraced.

**COMPLETION PROCEDURE:** Zones 5960 to 6002, 6038 to 6090, 6262 to 6282 feet. Treated interval with 19,400 gallons treated water, 14,200 # 20/40 sand, 800# 12/20 walnut hulls, 75 gallons of foaming agent. Treated in three stages, dropped 50 RCN balls second and third stages. Had complete shut off on third stage of RCN balls. Released pressure and flushed with 4200 gallons water. Breakdown pressure 3800 psi, treating pressure 4800 psi maximum, 3800 psi minimum. Average injection rate 23 bbls/min. Immediate shut in pressure 1600 psi. After 12 hours 935 psi on tubing, and 900 psi on casing. Zone 5762 to 5777 feet treated with 14,500 gallons diesel oil, 20,000 # 20/40 sand, 1000# 12/20 walnut hulls, 55 gals tension reducer-slickner, 320 gals selling agent. Breakdown pressure 2900 psi. Treating pressure maximum 3400 psi, minimum 300 psi. Displaced with 3400 gals. Average injection rate 23 bbls/min. Instant shut in 1900 psi, 5 minutes later 1850 psi.

## BIT RECORD

NO.	SIZE	MAKE	TYPE	DEPTH		FEET	HOURS
				FROM	TO		
1	12-1/4"	HFC	OSC-3	0	167	167	9-1/4
2	17-1/4"	REED	H-0	0	167	167	6-1/4
3	17-1/4"	SEC.	S-3	167	890	723	20-1/4
4	17-1/4"	HFC	OSC-1	890	1331	441	12-3/4
5	17-1/4"	HFC	OSC	1331	1419	88	4-1/2
6	17-1/4"	SEC.	C-4	1419	1678	259	13-3/4
7	17-1/4"	SMITH	C-4	1678	2055	377	15-1/4
8	7-7/8"	HFC	W-7	2055	2414	359	10-1/2
9	7-7/8"	HFC	W-7	2414	2774	360	11-1/4
10	7-7/8"	SMITH	SW-2	2774	3146	372	15-1/2
11	7-7/8"	HFC	W7	3146	3521	375	23-1/4
12	7-7/8"	SMITH	T-2	3521	3720	199	10
13	7-7/8"	SMITH	4W4	3720	4086	366	18
14	7-7/8"	HFC	W7R2	4086	4410	324	14-1/2
15	7-7/8"	HFC	W7R2	4410	4800	290	13-1/4
16	7-7/8"	SMITH	4W4	4700	4886	186	11
17	7-7/8"	HFC	OWV	4886	5053	167	13
18	7-7/8"	REED	Y8	5053	5243	190	17-1/4
19	7-7/8"	SMITH	SU2	5243	5523	280	16-3/4
20	7-7/8"	SMITH	SU2	5523	5686	163	9-1/2
21	7-7/8"	HFC	OWV	5686	5819	133	13-1/4
22	7-7/8"	HFC	OWV	5819	6004	185	14-1/4
23	7-7/8"	HFC	OW	6004	6160	156	14
24	7-7/8"	SMITH	T-2	6160	6236	76	7-3/4
25	7-7/8"	HFC	OW	6236	6442	206	22
26	7-7/8"	SMITH	SV2	6442	6505	63	5-1/4



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-02270-A  
Unit Uintah  
DeKalb-Texaco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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)

October 11, 1961

Well No. 3 is located 1873 ft. from N line and 2283 ft. from E line of sec. 12  
NW SE section 12 T-10-S, R-20-E S.L.B. & M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5276 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)

10-7-61 Total Depth 6505'

Ran 208 Jts. J-55, 15.50, 5-1/2" ST&C Casing 6397' set at 6407' cemented with 375 sacks 50-50 pozmix, 4% Gel and 1/4# Flo Cele Plug down at 10:35 A.M. 10-8-61.

Tested casing held 1,000 psig - 30 minutes.

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

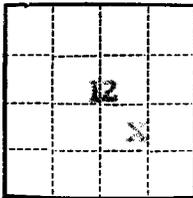
Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. Box 523

Vernal, Utah

By J. F. Fudlock

Title Drilling Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. U-02270-A

Unit Uintah

DeKalb-Texaco # 3

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.....
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)

October 24, 1961

Well No. 3 is located 1873 ft. from ~~N~~S line and 2283 ft. from ~~E~~W line of sec. 12

NESE Section 12 (1/4 Sec. and Sec. No.)  
5-10-S, 5-20-E (Twp.) (Range)  
S. 1. S. & 1. S. (Meridian)  
Wildcat (Field)  
Uintah (County or Subdivision)  
Utah (State or Territory)

The elevation of the derrick floor above sea level is 5276 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)

10-17-61: Perforated 4 shots per foot, 6265'-6279'.  
10-18-61: Perforated 4 shots per foot, 6052'-6060', 5982'-5998', 5965'-5970'.  
Treated interval with 19,400 gal. treated water, 14,200# 20/40 Sand, 800# Walnut Hulls, 55 Gal. of 5-N, 75 Gal. NONCO suds, 550# PAC-8, treated in 3 stages, dropped 50 #CN stage balls for second stage, dropped 50 #CN stage balls, well shut off, released pressure and flushed with 4200 gal. Breakdown pressure 3800#, broke back to 1500#. Max. Pressure 4800#, Injection rate 23 bbls. per minute. Flowing well to clean up and test.

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

Company DEKALB AGRICULTURAL ASSN., INC.

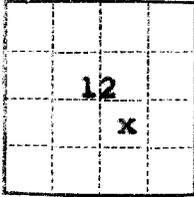
Address P. O. Box 523

Vernal, Utah

By Ge. J. Dredlock

Title Drilling Supt.

JS



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-02270-A

State Utah

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.....	X
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)

..... November 1, ....., 1961

Well No. 3 is located 1873 ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 2203 ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. 12

NESE Section 12 T-10-S, R-20-E S.L.R. & M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5065 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)

T-22-61 Set Baker Model "D" production packer at 5920' perforated with 4 casing jets per foot 5762 to 5777' Treated interval with 14,500 gallons viso-frac with 20,000 lbs 20-40 sandstone, and 1000# 12-20 walnut hulls. Break down pressure 2900 psi, treating pressure 3000 to 4000 psi. Average injection rate 23 bpm. flush with 5460 gals. Ran tubing and cleaned out on top of production pacer set tubing at 6065'. Flowing and testing well after frac.

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

Company DEKALF AGRICULTURAL ASSN., INC.

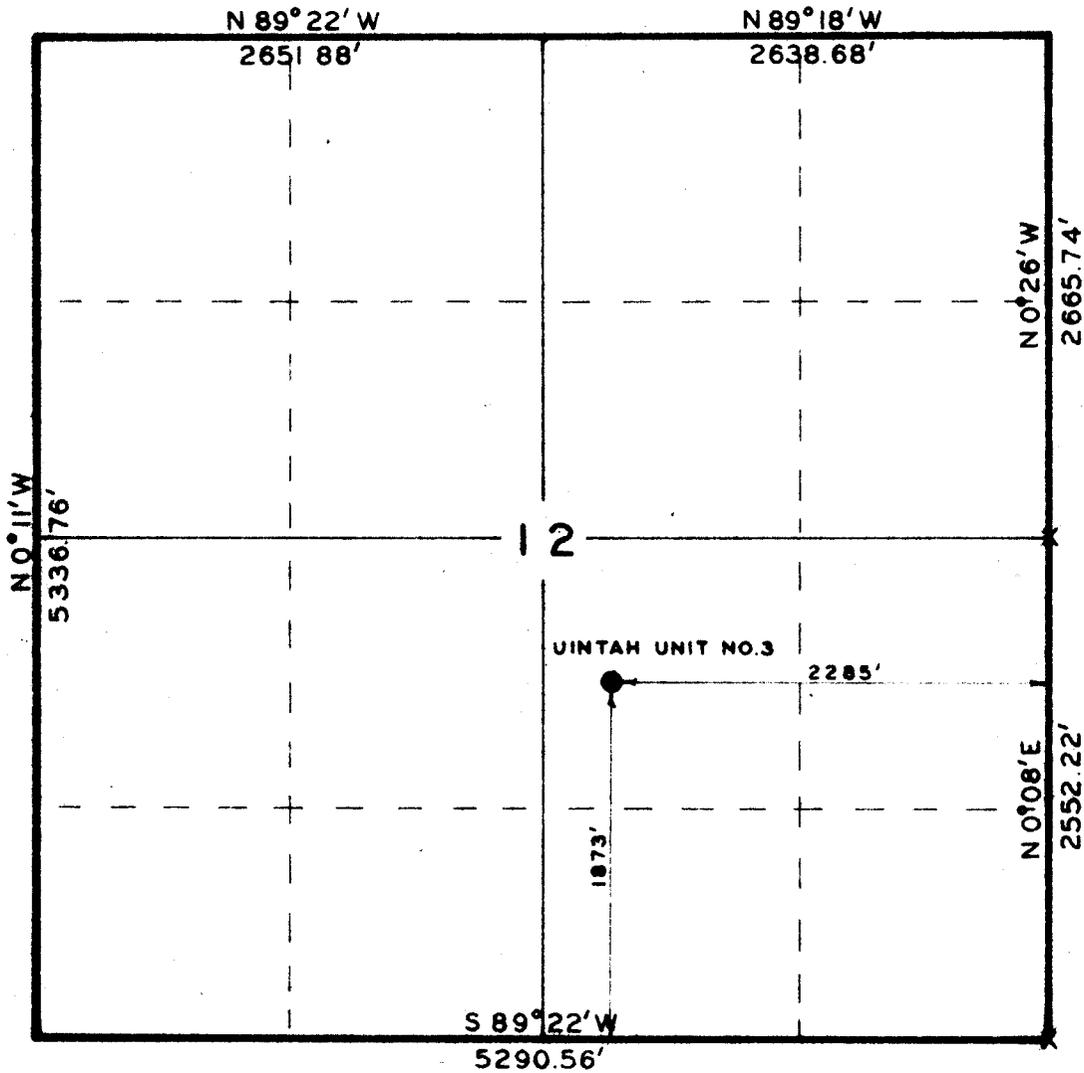
Address P. O. Box 523

Vernal, Utah

By [Signature]

Title Drilling supt.

# T10S, R20E, SLB & M



X = Corners Located

Scale: 1" = 1000'

By: ROSS CONSTRUCTION CO.  
Vernal, Utah

*R. D. Ross*

PARTY  
R.D. Ross  
Gene Stewart  
Jim Hardman  
WEATHER Clear - warm

SURVEY  
DEKALB AGRICULTURAL ASSOCIATION INC.  
WELL LOC. UINTAH UNIT NO.3 LOCATED AS SHOWN  
IN NW 1/4, SE 1/4, SEC. 12, T10S, R20E, SLB & M.  
UINTAH COUNTY, UTAH.

DATE 3/16/61  
REFERENCES  
GLO Township plat  
Approved 4/9/1930  
FILE DEKALB

*copy file*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR. CASE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02270-A

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

Uintah

8. FARM OR LEASE NAME

Uintah

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Bitter Creek

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

12-10S-20E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
DeKalb Agric. Assoc., Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 523, Vernal, Utah

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

1873 FSL, 2283 FEL Sec. 12

14. PERMIT NO.

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

5068 D.F.

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 ACIDISE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDISING

(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.)\*

It is intended to abandon this well along the following general program:  
move over well with pulling unit, pull tubing, set cast iron retainer above wasatch squeeze across wasatch perforations, perforate oposite Green River @ 2500', set cast iron retainer and squeeze Green River, cap well from 100'-0'.

Detailed Plugging Program

1. Set cast iron retainer @ 5500', squeeze across wasatch w/ 175 SXS. Spot 15 SXS 200' on top of retainer 5500 - 5300'.
2. Perforate Green River @ 2500', set retainer @ 2300', squeeze w/ 200 SXS cement.
3. Squeeze between 13 3/8" csg. and 5 1/2" csg. w/ 150 SXS cement.
4. Cap w/ 15 SXS 100'-0'.
5. Set location marker, clean, level, and abandon location.

Remarks: See attached data sheet and production history

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

SIGNED

*J.F. Fallock*

TITLE

*Production Dept.*

DATE

*7-20-64*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

2110

DATA SHEET  
AND PRODUCTION HISTORY  
UINTAH #3  
SE 12-10S-20E

T.D.: 6505'

PBTD: 6407'

Tubular Record: 13 3/8" 48# J-55 set @ 160' W/175 SXS.

5 1/2 15:50 #J-55 set @ 6407' W/375 SXS.

2 7/8" EUE Tbg. set @ 6270'

Perforations: 6265-79, 6083-86, 6052-60, 5982-98, 5965-70 & 5762-5777

Production History: First production December, 1961 initial production rate 460 MCF/GPD. Last production rate 166 MCF/GPD. February, 1963. Cumulative production 15 months of production 100,186 MCF. This well begin to drop sharply on production during August, 1962, the well was removed from the pipe line for approximately 10 days in late September alternate periods of shut in and flowing to the atmosphere resulted in the well unloading considerable drilling mud and water. The well was returned to production in October, 1962 and produced untill February, 1963, at which time the well died on the pipe line. The well was removed from the pipe line and blowed to the atmosphere to unload accumulated liquids believed to be present in the well. During this flowing test the well begin to make a large head of water followed by drilling mud contaminated with small shale particles, the well died during the test and was shut in for build up. To date the well has been shut in for 15 months and no pressure or flow has been observed.

A rework program to block squeeze, the Wasatch, perforate and sand oil frac. the well is estimated to cost \$29,000.00, in addition an additional \$12,000.00 is estimated for production facilities to return the well to pipe line production.

Assuming that the non-stabilized production rate of 166 MCF/D was obtained following a rework of the well approximately 5 years would be required to recover the cost of rework, excluding taxes, operating cost and royalty.

The production of the surrounding Wasatch wells does not indicate a five year stabilized production rate: consequently Dekalb as unit operator does not recommend a rework of this well. More over the most porous and promising productive zones were opened during the initial completion.

The well is presently shut in with a zero pressure and no flow or production available without costly and non-paying rework. Consequently Dekalb request approval to abandon this well.

DEKALB AGRICULTURE ASS'N, INC.



J.F. TADLOCK

Prod. Drilling Superintendent

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instructio  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-02270-A
2. NAME OF OPERATOR DeKalb Agric. Assoc. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Uintah
3. ADDRESS OF OPERATOR P.O. Box 523 Vernal, Utah		7. UNIT AGREEMENT NAME Uintah
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1873 FSL, 2283 FEL Sec. 12		8. FARM OR LEASE NAME Uintah
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5068 D.F.	9. WELL NO. 3
		10. FIELD AND POOL, OR WILDCAT Bitter Creek
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-10S-20E
		12. COUNTY OR PARISH Uintah
		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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

9-2-64 to 9-4-64  
 Move over well W/pulling unit, pull tbg, ran Howco D.E. retainer set @ 5570' cement across Wasatch perforations W/175 SXS, spot 15 SXS on top of retainer, pull out of hole perforate opposite Greenriver, W/4 Bulletts/ft. 2500-2501, ran Howco retainerr set tool @ 2324'. Cement across Greenriver W/190SXS poz-mix 50/50 W/2% Gel. Cap well from 100-0', cemented between 13 3/8" & 5 1/2" casing W/150 SXS poz-mix 50/50 W/10% gel, 25#/SX Gilsonite, 1/2 #/SX F10-Cele and 2% CACL. shut in well 12 hrs., open well no flow water oil or gas, cut off pipe set marker prep to clean level and abandon location.

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

SIGNED J. F. Jaloch TITLE Prod.-Drilling Supt. DATE 9-9-64

(This space for Federal or State office use)

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

WELL FILE HAS SMUDGED API #  
THAT APPEARS TO BE 4304715376.  
THAT API # BELONGS TO UNIT #4  
103 2/E 23.

NEW API # OF 4304720470 WAS ASSIGNED  
TO THIS WELL <sup>ONCARD</sup> SO THAT IS # PUT IN  
COMPUTER.

2-25-87

JE