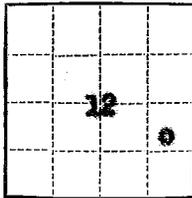


\* Effective 1-1-73 Humble Oil & Refining was changed to Exxon Company, U.S.A.

9-8-77 - Approval given to convert to Watering.

FILE NOTATIONS			
Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	_____
Entered on S.R. Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	_____
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	_____
IWR for State or Fee Land	_____		
COMPLETION DATA:			
Date Well Completed	<u>5-3-58</u>	Location Inspected	_____
OW <input checked="" type="checkbox"/> WW _____ TA _____		Bond released	_____
GW _____ OS _____ PA _____		State of Fee Land	_____
LOGS FILED			
Driller's Log	<u>6-12-58</u>		
Electric Logs (No.)	<u>7</u>		
E <input checked="" type="checkbox"/> I <input checked="" type="checkbox"/> E-I _____ GR <u>2</u> GR-N <u>2</u> Micro <input checked="" type="checkbox"/>			
Lat <input checked="" type="checkbox"/> Mi-L <input checked="" type="checkbox"/> Sonic _____ Others <u>Radiation</u>			
			<u>Temp. Log</u>



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office 31C  
Lease No. 066357  
Unit Walker Hollow

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)

February 13, 1958, 19

Walker Hollow  
Well No. 7 is located 2100 ft. from SW line and 730 ft. from E line of sec. 12  
NE SE Section 12 T8 23E S1M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Walker Hollow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 5604.7' Ungraded OL

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)

Rotary drilling equipment will be used to drill to approximately 6000' to the Wasatch formation. Surface casing: Approximately 400' of 10-3/4" OD 32.75# H40 gals casing cemented to the surface. Oil String: Required amount of 5 1/2" OD 15.5 & 11# J55 gals casing cemented with the required amount of cement. Mud program: Native mud to approximately 3000' (or top of Green River) then gel mud to TB. Drill stem tests: all oil and gas shows will be tested. Logs: Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as hydraulic fracturing or acidizing may be employed in completion.

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

Company The Carter Oil Company  
Address Box 3082  
Durango, Colorado  
By B N Bradley  
Title District Superintendent

LEASE PLAT & PIPE LINE DATA

DIV. NO. \_\_\_\_\_ BLOCK NAME \_\_\_\_\_ LEASE NO. \_\_\_\_\_

LESSOR \_\_\_\_\_

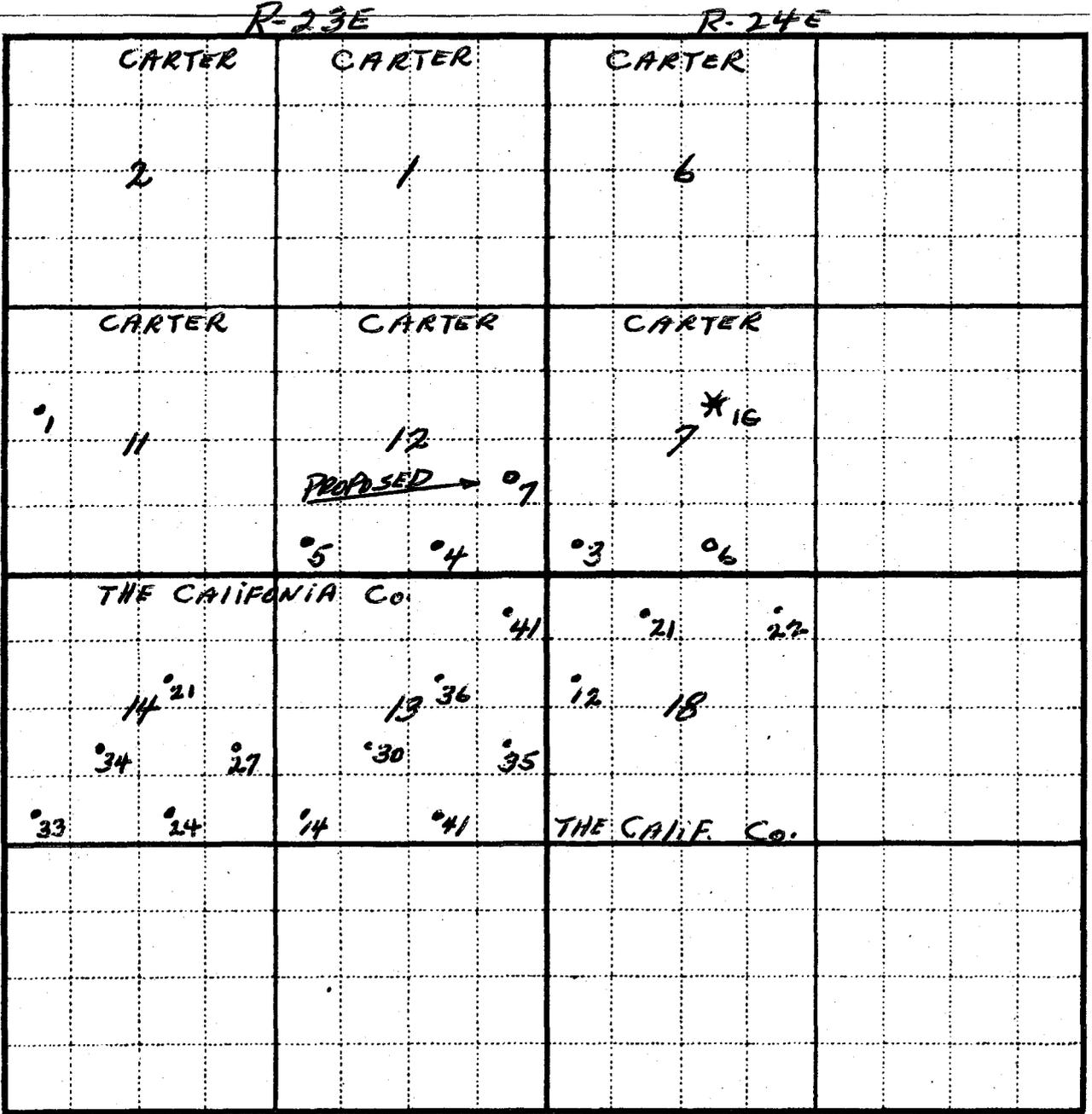
TOTAL ACCUMULATED INTEREST \_\_\_\_\_

STATE UTAH COUNTY WINTAH SEC 7 T 7S R 29E ACRES \_\_\_\_\_

DESCRIPTION AND INTEREST: \_\_\_\_\_

PROPOSED THE CARTER OIL Co.  
WALKER HOLLOW UNIT #7

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION  
Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
Date \_\_\_\_\_ District \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
Signed \_\_\_\_\_  
(Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'  
When used as Section Scale, 1" = 800'  
When used as 4 Sections Scale, 1" = 1600'  
Place check mark after scale used.

Plat made by \_\_\_\_\_ Date \_\_\_\_\_  
1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_  
Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_  
Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_  
Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

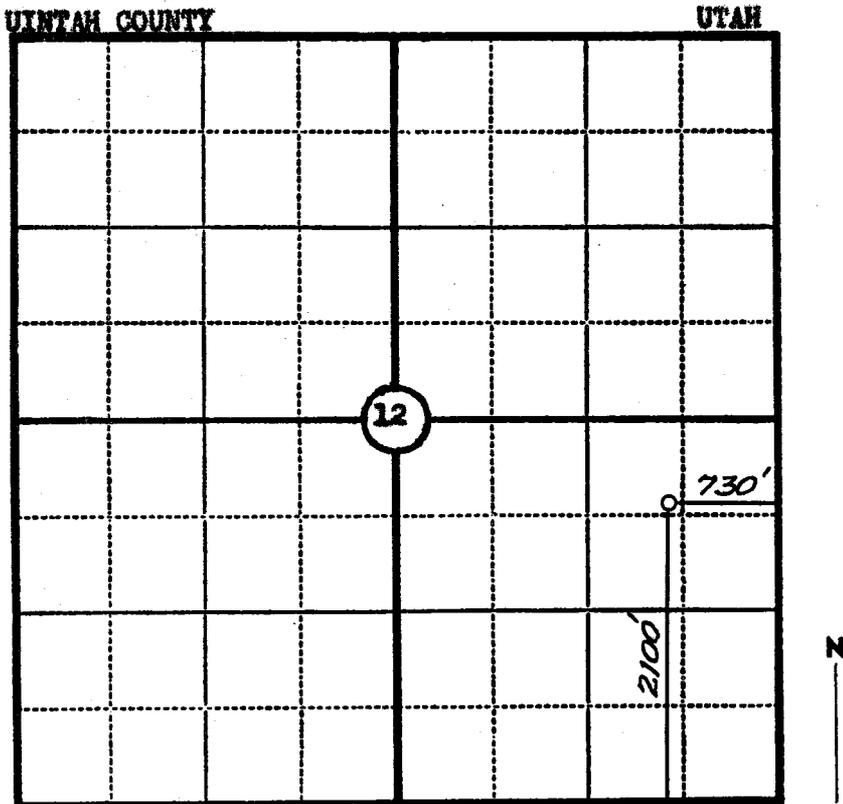
Company THE CARTER OIL COMPANY

Lease CARTER WALKER HOLLOW Well No. 7

Sec. 12, T. 7 S., R. 23 E. S.L.M.

Location 2100' FROM THE SOUTH LINE AND 730' FROM THE EAST LINE.

Elevation 5604.7 UNGRADED GROUND.  
TEM: "X" on sandstone rock 174' N 36° W of location.  
Elev: 5592.43



Scale—4 inches equal 1 mile.

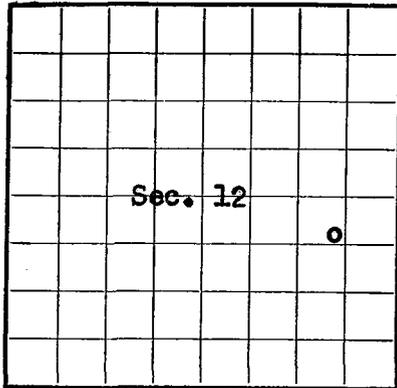
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

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

Surveyed 10 February, 1958

STATE OF UTAH  
**OIL & GAS CONSERVATION COMMISSION**

State Capitol Building  
 Salt Lake City 14, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until \_\_\_\_\_  
 (Not to exceed 4 months after filing date)

**LOG OF OIL OR GAS WELL**

Operating Company The Carter Oil Company Address P. O. Box 3082, Durango, Colorado  
 Lease or Tract Walker Hollow Unit Field Walker Hollow State Utah  
 Well No. 7 Sec. 12 T. 7S R. 23E Meridian SLM County Uintah  
 Location 2100 ft. N. of S Line and 730 ft. W. of E Line of Sec. 12 Elevation 5594  
(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 B. M. Bradley  
 Title Dist. Supt.

Date June 9, 1958

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

Commenced drilling February 24, 1958 Finished drilling April 1, 1958  
**COMPLETED: May 3, 1958**

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 4551 to 4628 G No. 4, from 5390 to 5442 G  
 No. 2, from 5031 to 5046 G No. 5, from 5596 to 5617  
 No. 3, from 5333 to 5352 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from 2987 to 3132 No. 3, from 4906 to 4936  
 No. 2, from 3308 to 3330 No. 4, from 5460 to 5577

**CASING RECORD.**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-3/4	32.75	8	H-40	415	Baker	-	-	-	
5-1/2	17	8	J-55	1476	) Howco	5334	5351	Production	
5-1/2	15.5	8	J-55	2217					
5-1/2	14	8	J-55	2071					5596

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	428	350	Halliburton	-	-
5-1/2	5772	810	Halliburton	-	-

MARK

FOLD

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 Surface feet to ~~.....~~ feet, and from - feet to - feet  
Cable tools were used from None feet to ..... feet, and from ..... feet to ..... feet

DATES

June 9, ....., 1958 Put to producing on test 5-2-58, 19.....

The production for the first 24 hours was 498 barrels of fluid of which 90 % was oil; - % emulsion; 10 % water; and - % sediment. Gravity, °Bé. 28.3° API

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .... Est. GOR 95;1

EMPLOYEES

....., Driller ..... Driller  
....., Driller ..... Driller

COMPLETED: 5-3-58

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2,960	2,960	<u>UINTA:</u> Greenish gray and red argillaceous sand stone and tan, green & red siltstone and silty shales.
2,960	5755	2,795	<u>GREEN RIVER:</u> Brownish gray salt & pepper sandstone, dark brown oil shale, gray & green calcareous shale & siltstone, with occasional thin ostracodal limestones.
5,755	5775	20	<u>WASATCH:</u> Red, green & brown calcareous shale.

[OVER]

## HISTORY OF OIL OR GAS WELL

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.

Spudded well 2-24-58. Drilled & reamed 15" hole to 435'. Set 13 jts, 415' of 10-3/4" OD, 32.75#, H-40 casing @ 428' with 350 sacks cement. Drilled & cored 9" hole to TD of 5775'. Set 5764' of 5-1/2" 17#, 15.5# & 11# J-55 casing @ 5772' with 810 sacks cement.

CUT 3 CORES - See attached sheet.

RAN 8 DRILL STEM TESTS - See attached sheet.

COMPLETION: Perforated 5732' to 5727' & 5712' to 5706' with 4 holes per foot. Ran tbg. with packer & set @ 5697' with tail pipe @ 5732'. Washed perforations with 500 gal. MCA & reversed out. Swabbed 100% water from these perforations. Pulled tbg., set Baker cast iron bridge plug @ 5686' and dumped 3 sacks cement from 5686' to 5662'.

Perforated 5596' to 5616' with 4 holes per foot. Ran tbg. with packer @ 5588' and tail pipe @ 5618' and washed perforations with 750 gal MCA. Reset packer @ 5550' and swabbed tbg. 8 hrs at rate of .83 bbls fluid per hr., grindout 10% water. With packer reset @ 5551', treated perforations 5596'-5616' with 4200 gal. #5 Burner fuel & 4200# sand in two stages, with 25 nylon balls after first 2100 gal. Max. press. 5000#, Min. press. 4650#, average injection rate 8 bbls/min. Left well shut in 10 hrs., press. zero after 4 hrs. Swabbed back load & frac oil & swab tested for 11 hrs. Last 4 hrs of test recovered 13.23 bbls fluid, 4% water, very small amount of gas. Pulled tbg. & packer.

Set bridge plug @ 5390'. Perforated from 5339' to 5351' with 4 holes per foot. Ran tbg. & packer. Packer @ 5326' & tail pipe @ 5357'. Tested perforations natural for 3 hrs., no recovery. Washed perforations with 500 gal. MCA, reversed out. Swabbed 2 1/2 hrs., no recovery. Sand-oil frac with 3000 gal. #5 Burner fuel & 3000# sand. Max. press. 5000#, Min. press. 4900#, average injection rate 8 bbls/min. Shut in pressure 2000#. Flushed with 31 bbls crude plus 200# Adomite. Left shut in 8 hrs. Swabbed back flush & frac oil & swab tested 15 hrs. Last 4 hrs of test recovered 58 bbls oil, grindout 3/10% water.

Pulled tbg., drilled out bridge plug @ 5390' and cleaned up hole to 5662'. Ran tbg. & rods. Completed as oil well on 5-3-58 swabbing at rate of 450 BO & 48 BW per day from perforations 5339' to 5351' and 5596' to 5616'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_

LEASE NUMBER Walker Hollow Unit  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Uintah Field Walker Hollow

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1962.

Agent's address Box 3082 Company Humble Oil & Refining Company  
Durango, Colorado Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON

Phone 247-0210 Agent's title Dist. Acct'g. Supr.

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)
<b>WALKER HOLLOW UNIT</b>										
8 SW SW	7S	24E	1	30	850	27	3,087	0	308	
8 SW NE	7S	24E	2	28	1,841		2,145	0	613	Down 2 days.
7 SW SW	7S	24E	3	30	974		1,071	0	0	
12 SW SE	7S	23E	4	18	813		8,798	0	1,121	Down 12 days
12 SW SW	7S	23E	5	-	-	-	-	-	-	Shut in
7 SW SE	7S	24E	6	30	2,202		3,754	0	0	
12 NE SE	7S	23E	7	30	254		179	0	107	
8 SW SE	7S	24E	8	27	1,988		6,596	0	0	Down 3 days.
8 NE SE	7S	24E	9	27	2,708		3,653	0	0	Down 3 days.
9 SW NW	7S	24E	10	28	920		1,781	0	181	Down 2 days.
9 NE NW	7S	24E	11	27	2,022		1,134	0	181	Down 3 days.
4 SW SE	7S	24E	12	28	723		644	0	218	Down 2 days.
8 NE SW	7S	24E	13	28	6,324		1,897	0	0	Down 2 days.
7 NE SE	7S	24E	14	30	9,105		1,593	0	1,302	
12 NE NW	7S	23E	15	26	2,748		2,929	0	37	Down 4 days.
7 NE SW	7S	24E	16	-	-	-	-	-	-	TD 5721' PBD 5688' 5-1/2" Set @ 5720'
<b>TOTALS</b>					<b>33,472</b>		<b>39,261</b>	<b>0</b>	<b>4,068</b>	<b>W.O. Completion Unit.</b>
<b>GLORIA BAMBERGER LEASE 066357</b>										
7 SW NE	8S	24E	1	31	-		15,279	0	0	
<b>RIGHTMAN FEDERAL LEASE 0671</b>										
5 SW SE	7S	23E-1	-	-	-	-	-	-	-	Shut in gas well.
<b>NON-PARTICIPATING WELL - BAMBERGER UNIT LEASE 66357</b>										
11 SW NW	7S	23E	1	26	1,029	27	823	0	2,799	Down 4 days.

NOTE.—There were Walker Hollow 57 runs or sales of oil; Bamberger 2 runs or sales of oil; 11,630 M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

## CORE RECORD

CORE NO. 1: 5565' to 5617', cut 52', recovered 50'.

5565-5573' Sandstone, good porosity, probably water bearing.

5573-5579' Black shale, with some tight siltstone at top.

5579-5587' Sandstone, porous and water bearing in upper 4', shaly, tight below that.

5587-5605' Sandstone, coarse, conglomeratic, tight in upper 4', porous below that, good staining, good fluorescence, good cut, fractured where staining occurred.

5605-5612' Sandstone, medium porosity, fair to good oil staining, good porosity, good fluorescence, very good cut.

5612-5617' Water sand in upper 2' and green shale in lower 3'.

21' Sand, good staining, good flour. Remaining core shale & water bearing sand.

CORE NO. 2: 5617' to 5707', cut 90', recovered 90'.

5617-5633' Hard shale, tight sandstone.

5633-5643' Sandstone, white, porous, water bearing.

5643-5652' Shale.

5652-5666' Sandstone, gray, porous, probably water sand.

5666-5703' Shale, hard, silty in places with porous water sand @ 5682' to 5688'.

5703-5707' Sandstone, porous to tight, good oil staining on porous places.

4' porous but tight sand with good oil stain. Remainder of core shale and water bearing sands, no shows.

CORE NO. 3: 5707' to 5739', cut 32', recovered 32'.

5707-5722' Shaly sandstone, with 3' tight sand at top.

5722-5729' Sandstone, some porosity, oil stain on most places.

5729-5739' Shale and shaly siltstone, no porosity, no shows.

7' Sand with some staining. Remainder of core shale and shaly siltstone, no shows.

## DAILY TEST RECORD

DST #1: 4550' to 4630'. Tool open 1 hr. Gas to surface in 2 minutes, measured 5,370 MCFPD. Recovered 100' of fresh water. IHP 2212#, 15 min. ISIP 1768#, IFF 628#, FFP 748#, 15 min. PSIP 1745#, FHP 2202#.

DST #2: Straddle Test 4335' to 4365'. Tool open 1 hr. 30 min. Weak blow, dead in 1 hr. 30 min. Recovered 30' of slightly gas cut drilling fluid. IHP 2430#, 15 min. ISIP 63#, IFF 28#, FFP 28#, 15 min. PSIP 40#, FHP 2438#.

DST #3: 5315' to 5360'. Tool open 1 hr. Fair blow, increased to good blow in 1 min., remained good throughout test, gas to surface in 55 min., gas volume too small to measure, burned with 1' flame. Recovered 319' of mud cut oil, 75' of oil cut mud. IHP 2612#, 15 min. ISIP 1962#, IFF 112#, FFP 150#, 15 min. PSIP 1000#, FHP 2612#.

DST #4: 5700' to 5775'. Tool open 1 hr. Fair blow, increased to good blow in 3 min., remained good throughout test. Recovered 5' of oil & 289' of oil and gas cut drilling fluid. IHP 2915#, 15 min. ISIP 2005#, IFF 70#, FFP 150#, 15 min. PSIP 1610#, FHP 2895#.

DST #5: 5595' to 5625'. Tool open 1 hr. 30 min. Fair blow increased to good blow in 3 min., remained good throughout test, gas to surface in 65 min., volume too small to measure. Recovered 215' of oil, 115' of oil cut mud and 90' of oil & water cut mud. IHP 2825#, 15 min. ISIP 2102#, IFF 63#, FFP 150#, 15 min. PSIP 1740#, FHP 2825#.

DST #6: 5015' to 5050'. Tool open 2 hrs. Gas to surface in 6 min. 1 1/2 min. after tool open 108 MCFPD; 27 min. 335 MCFPD; 37 min. 425 MCFPD; 43 min. 500 MCFPD; 56 min. 556 MCFPD; 75 min. 689 MCFPD; 86 min. 734 MCFPD; 1 hr. 50 min. 734 MCFPD; 1 hr. 55 min. 560 MCFPD & 2 hrs. 560 MCFPD. Recovered 150' of oil, gas & water cut mud & 820' of gas cut mud. IHP 2590#, 15 min. ISIP 1868#, IFF 75#, FFP 410#, 15 min. PSIP 1915#, FHP 2565#.

DST #7: 5365' to 5450'. Tool open 26 min. Gas to surface in 2 min., mud to surface in 15 min. After closing tool flowed mud & water till dead. 5 min. after tool open had 689 MCFPD. Recovered 105' of gas cut water. IHP 2715#, 15 min. ISIP 2070#, IFF 720#, FFP 1530#, 15 min. PSIP 2100#, FHP 2665#. Charts indicated communication from below bottom packer.

DST #8: 5362' to 5442'. Upper packer failed to hold after initial shut in. Lowered packers to 5360' to 5448', opened tool. Tool open 52 min. Gas to surface in 7 min. mud to surface in 22 min., water to surface with gas in 30 min., water to surface in 44 min. After tool was open 17 min. had 139 MCFPD & in 19 min. 132 MCFPD. Recovered 1215' of gas cut fresh water. IHP 2680#, 15 min. ISIP 2638#, IFF 645#, FFP 1155#, 15 min. PSIP 2070#, FHP 2638#. Bottom chart indicated communication around bottom packer.

(SUBMIT IN TRIPLICATE)

Land Office SIC  
Lease No. 066357  
Unit Walker Hollow

	12	
		X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 to Convert to Gas Well	X		

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

*Frank* \_\_\_\_\_ March 7, 1962

Walker Hollow Unit

Well No. 7 is located 2100 ft. from S line and 730 ft. from E line of sec. 12

NE SE Section 12 7S 23E S1M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Walker Hollow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - ft. 5604.7' UG

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)

It is proposed to convert the subject oil well, presently producing at its economic limit, to a gas well by setting a bridge plug above the zones presently open and perforating a dry gas sand above the plug. The dry gas sand is in the "D" member of the Green River formation. Drill Stem tests of the gas sand have recovered water downdip and gas updip indicating no oil downdip from the gas. The gas sand is to be perforated in the intervals 4550-60' and 4543-46', and treated with acid and hydraulic frac if required to obtain the desired potential.

The well is presently producing at its economic limit of 7 bopd and 6 bwpd from perforations at 5596-5616' and 5339-5351'. Our intent is not to permanently abandon the oil zones but to incorporate them into a future secondary recovery program.

Equipment for gas sales is to be installed at the well and connected to the gas sales line at a point located in the SE/4 Section 7-T7S, R24E.

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

Company Humble Oil & Refining Company

Address P. O. Box 3082

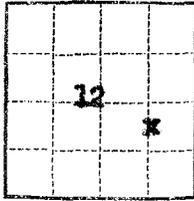
Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

Title Dist. Supt.



Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SIC**  
066357  
Lease No. \_\_\_\_\_  
Unit **Walker Hollow**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<b>COMPLETION REPORT</b>	<b>*</b>

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

July 27, 1962

Walker Hollow Unit  
Well No. 7 is located 2100 ft. from <sup>WN</sup>S line and 730 ft. from <sup>E</sup>W line of sec. 12

NE SE Section 12      7S      23E      51M  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Walker Hollow      Uintah      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is - ft. 5604.7' UG

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)

TD 5775', PBD 5686'. Recompleted 7-17-62 as successful oil well.

Perforate 5097-5106' & fractured. Re-fractured old perforations 5339-51' and 5596-5616'. Pumped 178 b.o.p.d. and 39 b.w.p.d. from Lower Green River 5596-5616' and Upper Green River 5339-51' & 5097-5106'.

Production prior to workover 7 b.o.p.d. and 6 b.w.p.d. from Lower Green River 5596-5616' and Upper Green River 5339-51'.

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

Company Humble Oil & Refining Company

Address P. O. Box 3082  
Durango, Colorado

By **COPY ( ORIGINAL SIGNED ) B. M. BRADLEY**

Title Dist. Supt.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC 066357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

Walker Hollow

8. FARM OR LEASE NAME

Walker Hollow Unit

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Walker Hollow

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

Sec 12-7S-23E SLM

12. COUNTY OR PARISH

Uintah

13. STATE

State

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR  
P. O. Box 120, Denver, Colorado 80201

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

2100' FSL & 730' FEL of Section 12

14. PERMIT NO.

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

5605 GR

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.)\*

It is proposed to emulsion frac this well with 38,000 gallons of emulsion and 56,000# sand to increase productivity.

cc: 2 - Utah O&G Commission  
1 - Chevron - Vernal  
1 - Midland

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 10-7-71  
BY *Paul A. Durdell*

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

SIGNED

*John F. K... ..*

TITLE

Dist Chief Engineer

DATE

10-5-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SLC 066357**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

---

7. UNIT AGREEMENT NAME

**Walker Hollow**

8. FARM OR LEASE NAME

**Walker Hollow Unit**

9. WELL NO.

**7**

10. FIELD AND POOL, OR WILDCAT

**Walker Hollow**

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

**Sec 12-7S-23E SLM**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**Utah**

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**Humble Oil & Refining Company**

3. ADDRESS OF OPERATOR

**P. O. Box 120, Denver, Colorado 80201**

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

**2100' FSL & 730' FEL of Section 12**

14. PERMIT NO.

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

**5605' GR**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(Other)

(Other)

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

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

Ran frac tubing w/Baker Lok-set retrievable packer w/ON-OFF connector and Baker Model E retrievomatic packer. Set Lok-set packer at 5650', tested tubing & packer to 7000#. Reset Lok-set packer at 5580', treated zone 5596-5616' w/Polymulsion frac as follows: 10,000 gals pad @ 5750#; 1,000 gals w/1#/gal 20-40 sand @ 5750#; 2,000 gals w/3#/gal 20-40 sand @ 5800#; 1,000 gals w/1#/gal 10-20 sand @ 5600#; 6,000 gals w/2#/gal 10-20 sand @ 6150#; displaced w/1610 galls pad. Inst SIP 1300#, AIR 10 BPM, Total sand in formation = 7000# 20-40 and 11,000# 10-20. SI for night.

Blanked off Lok-set packer, pulled retrievomatic packer and reset at 5320', fraced zone 5339-5351' as follows:

10,000 gals pad @ 6200#; 1,000 gals w/1#/gal 20-40 sand @ 6200#; 2,000 gals w/2#/gal 20-40 sand @ 6300#; 6,000 gals w/1#/gal 10-20 sand @ 6200#; flushed w/1550 gals pad. AIR 9 BPM. Total sand in formation 5000# 20-40 and 6000# 10-20. SI for night.

Pulled packers GO sand to PBDT 5662'. Ran tubing and pump. Recovered load oil.

On Test 11-23-71 - recovered 48 BO and 19 BW. Production prior to workover 24 BO, 11 BW.

Job complete.

cc: 2 - Utah O&G Commission  
1 - Chevron - Denver  
1 - Midland

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

SIGNED

*[Signature]*

TITLE **Dist. Chief Engineer**

DATE

**12-21-71**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC-066357

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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR  
P. O. Box 120, Denver, Colorado 80201

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

2100' FSL, 730' FEL, Sec. 12

7. UNIT AGREEMENT NAME  
Walker Hollow Unit

8. FARM OR LEASE NAME  
Walker Hollow Unit

9. WELL NO.  
7

10. FIELD AND POOL, OR WILDCAT  
Walker Hollow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12-7S-23E, SIM

14. PERMIT NO.

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

5605' GR

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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

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.)\*

We propose to squeeze off perforations at 5339-5351', perforate 5120-30' and 4530-34', then frac with 38,000 gals. Polymulsion and 33,000# sand at 4530-34', 5097-5106' and 5120-30'.

2cc: Utah Division of Oil & Gas Conservation  
lcc: Chevron  
lcc: Oil & Gas Acctg., Midland

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

SIGNED J. Roy Dorrough TITLE Dist. Supt. DATE 11-6-72

(This space for Federal or State office use)

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

EXXON COMPANY, U.S.A.

January 3, 1973

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

Gentlemen:

Effective on January 1, 1973, Humble Oil & Refining Company merged into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Corporation, P. O. Box 1600, Midland, Texas 79701.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,



L. H. Byrd

DLC:mej

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

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <b>SLC-066357</b>
2. NAME OF OPERATOR <b>Exxon Company, U.S.A.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 120, Denver, Colorado 80201</b>		7. UNIT AGREEMENT NAME <b>Walker Hollow Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>2100' FSL, 730' FEL, Sec. 12</b>		8. FARM OR LEASE NAME <b>Walker Hollow Unit</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5605' GR</b>	9. WELL NO. <b>7</b>
		10. FIELD AND POOL, OR WILDCAT <b>Walker Hollow</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 12-7S-23E, S1M</b>
		12. COUNTY OR PARISH <b>Uintah</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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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

Prepared well for workover job. Squeezed perms 5339-51'. Tested okay at 2000#. Perforated 5120-30' and 4530-34' w/2 SPF. Acidized 4530-34' w/100 gals. BDA. Swab tested 4 hrs., rec. 1/2 bbl. fluid per hour, 10% water. Acidized 5120-30' w/100 gals. BDA. Fraced 5097-5106' and 5120-30' in 2 stages; first stage using 6000 gals. polymulsion pad, 11,000# sand, and 20 ball sealers; second stage using 6000 gals. polymulsion pad and 11,000# sand. Fraced 4530-34' w/4000 gals. polymulsion pad and 11,000# sand. Sanded out at 6000#. Reversed out tubing. Cleaned out and returned well to production 12-22-72. Workover unsuccessful. As of 1-1-73 well is producing 100% water.

2cc: Utah Division of Oil & Gas Conservation  
1cc: Chevron  
1cc: Oil & Gas Acctg., Midland

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

SIGNED J. Roy Dorrough TITLE District Supt. DATE 2-2-73  
(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC-066357

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.)

1. OIL WELL  \* GAS WELL  OTHER

2. NAME OF OPERATOR  
Exxon Corporation

3. ADDRESS OF OPERATOR  
Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2100' FSL, 730' FEL, Section 12

7. UNIT AGREEMENT NAME  
Walker Hollow Unit

8. FARM OR LEASE NAME  
Walker Hollow Unit

9. WELL NO.  
7

10. FIELD AND POOL, OR WILDCAT  
Walker Hollow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12-7S-23E-SLM

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5605 GR

12. COUNTY OR PARISH 13. STATE  
Uintah 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)  Convert to Water Inj.

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.)\*

\* Shut in since 1-1-73 as watered out producer.

It is proposed to reopen and acidize squeezed perforations 5339-51' and convert the well to water injection.

Orig. + 2cc: USGS, Salt Lake City, Utah  
2cc: Utah Division of Oil + Gas Conservation  
cc: Oklahoma City  
cc: File

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
DATE: Sept 13, 1977  
BY: Ph Ansell

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

SIGNED W. D. Doughton TITLE Unit Head DATE 9-8-77

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

WALKER HOLLOW UNIT #7

RECOMMENDED WORKOVER PROCEDURE

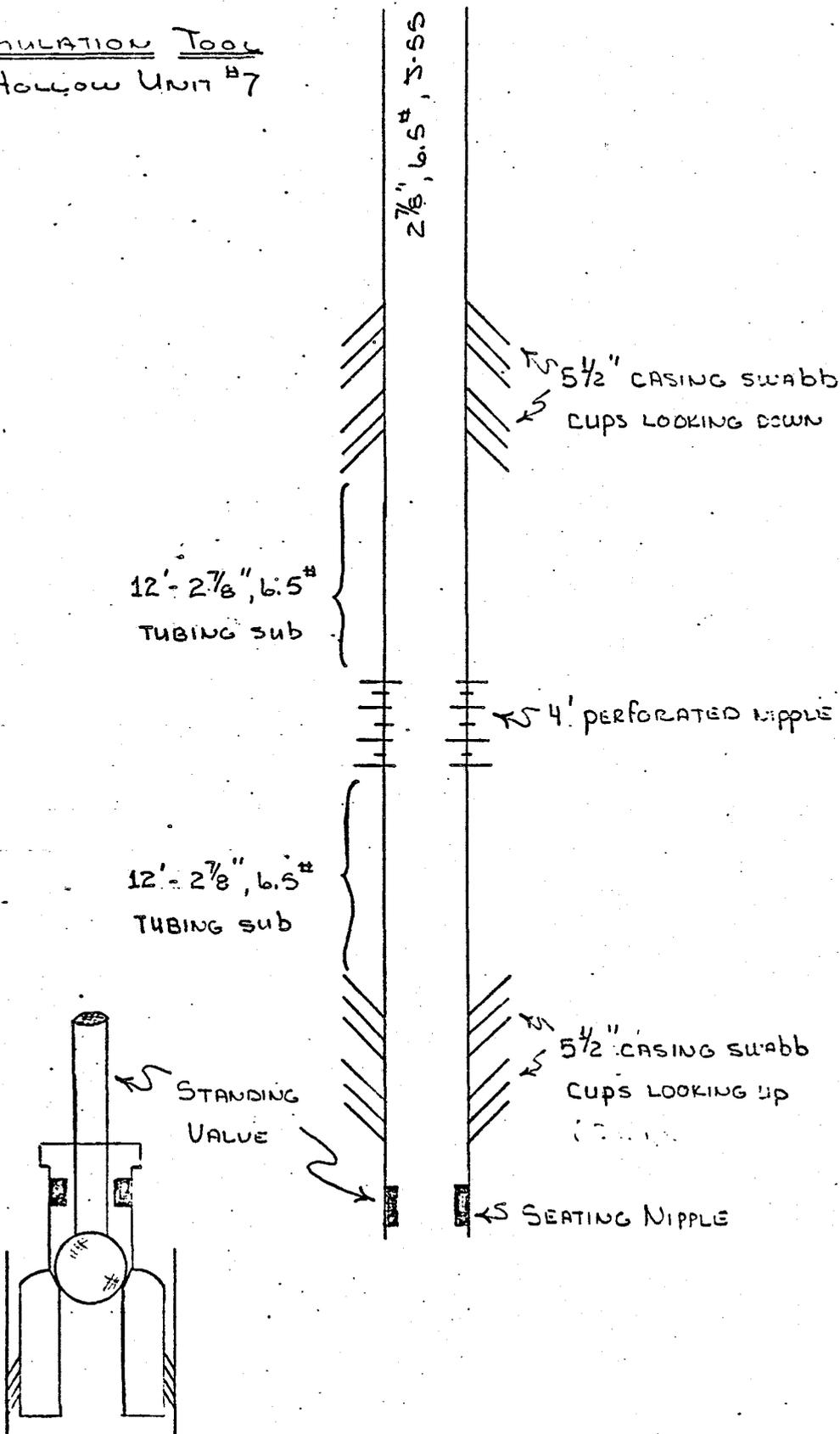
1. MIRU. Kill well if necessary. Install dual ram manual BOP.
2. Pull rods, pump and 2½" tubing. Repair packer as necessary.
3. Run a bit and scraper on tubing to approximately 5650'. Pull bit and scraper.
4. Run a 3" hollow steel carrier jet shot perforating gun and perforate the 8C sand from 5339-51' with one shot per foot (13 shots). Pull hollow steel carrier.
5. Field fabricate a selective stimulation tool as per the attached sketch.
6. Run the selective stimulation tool on 2½" tubing. Straddle the perforated intervals and individually stimulate each interval, according to the following table with 15% NE HCl containing 10% Corexit 7610. Work from highest zone to lowest zone. Allow well to back flow, until it dies, after each stage. Do not exceed 1500 psi surface pressure\* or 1 BPM. Test the selective stimulation tool between the 4a2 and 7a, 7b and 8c, and 8c and k<sub>f</sub> settings.

<u>SAND</u>	<u>INTERVAL</u>	<u>ACID VOLUME</u>	<u>COREXIT 7610 VOLUME</u>	<u>FLUSH VOLUME</u>
4a2	4530-34	40 gal	4 gal	27 bbl
7a	5097-5106	90 gal	9 gal	31 bbl
7b	5120-30	100 gal	10 gal	31 bbl
8c	5339-51	600 gal	60 gal	32 bbl
k <sub>f</sub>	5596-5616	200 gal	20 gal	34 bbl
	Total	1,030 gal	103 gal	

7. Run a standing valve fishing tool on wireline and pull the standing valve in the selective stimulation tool. Pull the tubing and selective stimulation tool.
8. Run a packer on 2½" tubing. Set packer at approximately 4500'. RDMO.
9. Install approximately 200' of 2" <sup>injection line</sup> internally cement lined/externally coated and wrapped line pipe. Tie into source water system off of #34 injection line. Install a Barton flow trac meter at wellhead and tie well into injection line.
10. Put well on injection. Run an injection profile one week after well has been on injection.
11. Return well to injection.

\* Surface pressure limitation may be temporarily exceeded to establish injection.

SELECTIVE STIMULATION TOOL  
FOR WALKER HOLLOW UNIT #7



NOT TO SCALE

EMD / 8-10-77

WALKER HOLLOW UNIT #7

ZERO IS 12' ABOVE GROUND LEVEL

10 3/4", 32.75#, H-40 SET @ 428'. CMT'D W/275  
SX REG CMT AND 75 SX REG CMT + 2% CC

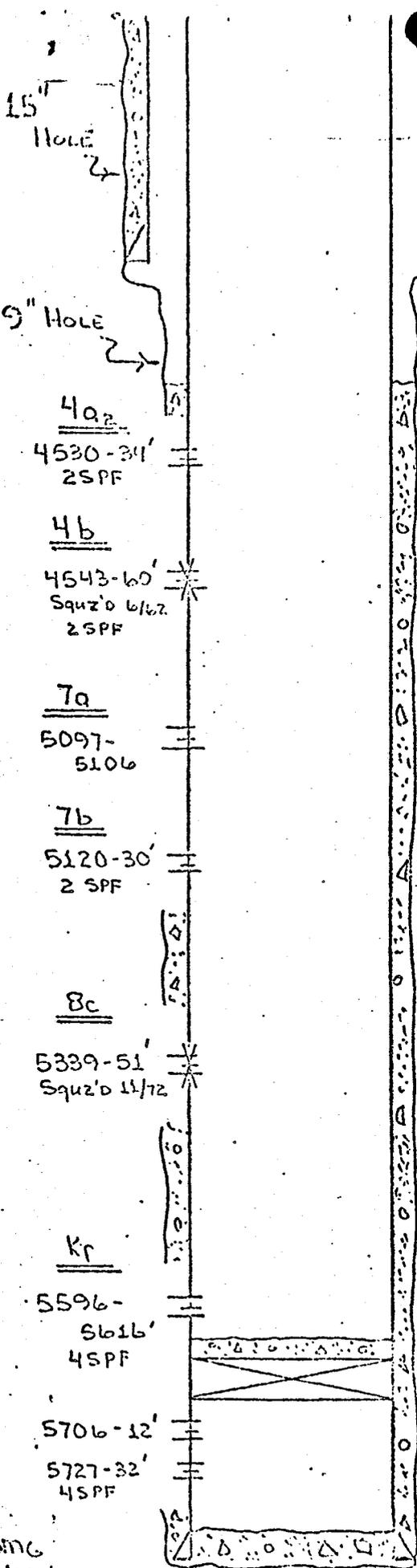
TOC 2800' (Temp Suvv)

BEFORE WORKOVER

2 1/2", 6.5#, 3-SS TUBING IN HOLE SET  
DEPTH UNCERTAIN

CMT 5662 - 56' DRID BP PUSHED TO CMT.  
BAKER CIBP @ 5686'

5 1/2"; 17#, 15.5#, 4 14"#; 3-SS SET @ 5772' CMT'D  
W/710 SX REG CMT AND 100 SX CMT + 900 GAL Howco LA-2



JMG  
7/18/77

TO 5775'

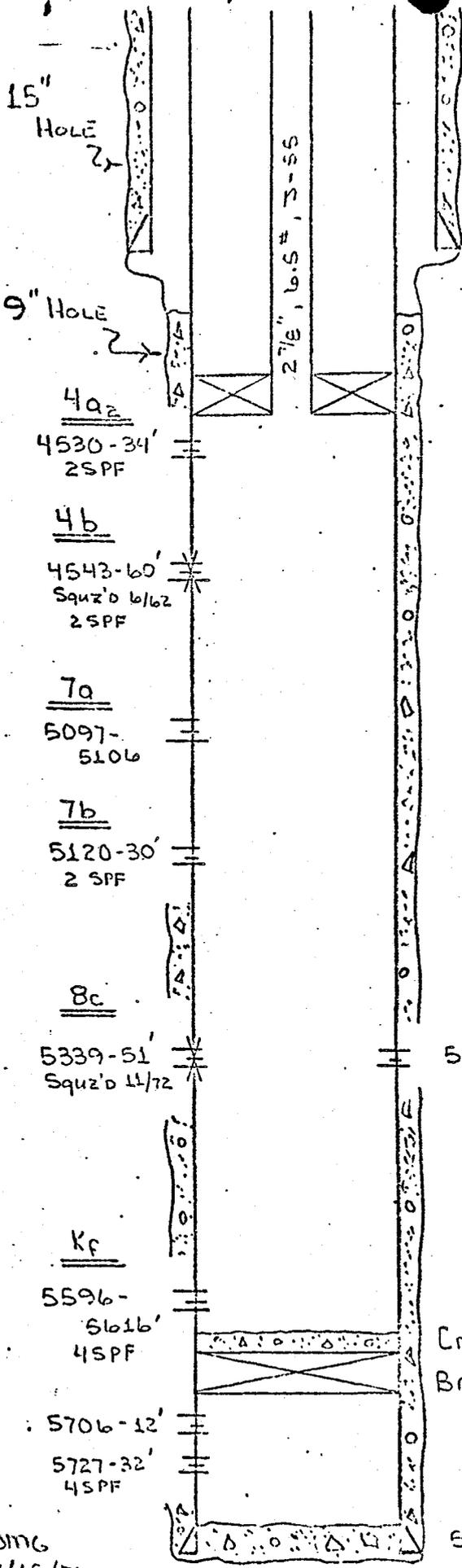
WALKER HOLLOW UNIT #7

ZERO IS 12' ABOVE GROUND LEVEL

10 3/4", 32.75#, H-40 SET @ 428'. CMT'D w/ 275 SX REG CMT AND 75 SX REG CMT + 2% CC

TOC 2800' (Temp Shev)  
PKR @ 4500'

AFTER WORKOVER



5339-51' RE-OPENED FOR INJECTION

CMT 5662-86'. DRL'D BP PUSHED TO CMT.  
BAKER CIBP @ 5686'

5 1/2"; 17#, 15.5#, 4 14#; 3-55 SET @ 5772' CMT'D  
w/ 710 SX REG CMT AND 100 SX CMT + 900 GNL Howco LA-2

DMG  
7/18/77

TD 5775'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SLC-066357  
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

Walker Hollow Unit

8. FARM OR LEASE NAME

Walker Hollow Unit

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Walker Hollow

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

Sec. 12-7S-23E-S1

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

Box 1600 Midland, Tx. 79702

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

2100' FSL, 730' FEL, Section 12

14. PERMIT NO.

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

5605 FR

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) Converted to Water Inj.

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.)\*

Pulled rods & Tbg. - RAN CASING SCRAPER - Perforated 8c zone w/ 1 SPF (13 shots). Acidized 4530-34 w/ 40 gal. NE Acid 5097-5106' w/ 90 gal. 5120-5130' w/ 1000 gal. Acid 5339-51' w/ 600 gal. 5596-5616' w/ 200 gal. Flushed each stage. RAN BAKER tension packer & Tbg., Set @ 4496 w/ 2000# tension. NV wellhead. FRR 12-9-77. Laid injection line. Converted to water injection well 12-15-77. Started injecting 12-15-77.

Orig. + 2 cc : US. G.S. - Salt Lake City  
2 cc : Utah Div Oil & Gas Cons.  
cc : District  
cc : File

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

SIGNED

*W. J. [Signature]*

TITLE

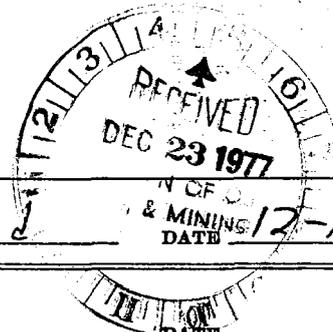
Unit Head

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



**EXXON** COMPANY, U.S.A.

2000 CLASSEN CENTER-EAST • OKLAHOMA CITY, OKLAHOMA 73106 • (405) 528-2411

June 23, 1980

RECEIVED  
JUN 25 1980

Mr. Mike Minder  
1588 West North Temple  
Salt Lake City, Utah

DIVISION OF  
OIL, GAS & MINING

Mr. Minder:

We appreciate your verbal approval to proceed with the injectivity profiles at Walker Hollow. In answer to your questions regarding the procedure, a half millicurie of radioactive isotope with a half life of eight days is emitted in the injection well. The velocity and intensity of the isotope is measured at various points in the well bore during injection. With this information, the amount of injection into each zone can be determined. This is a very common waterflood surveillance technique in Oklahoma and Texas for multi-zone fields.

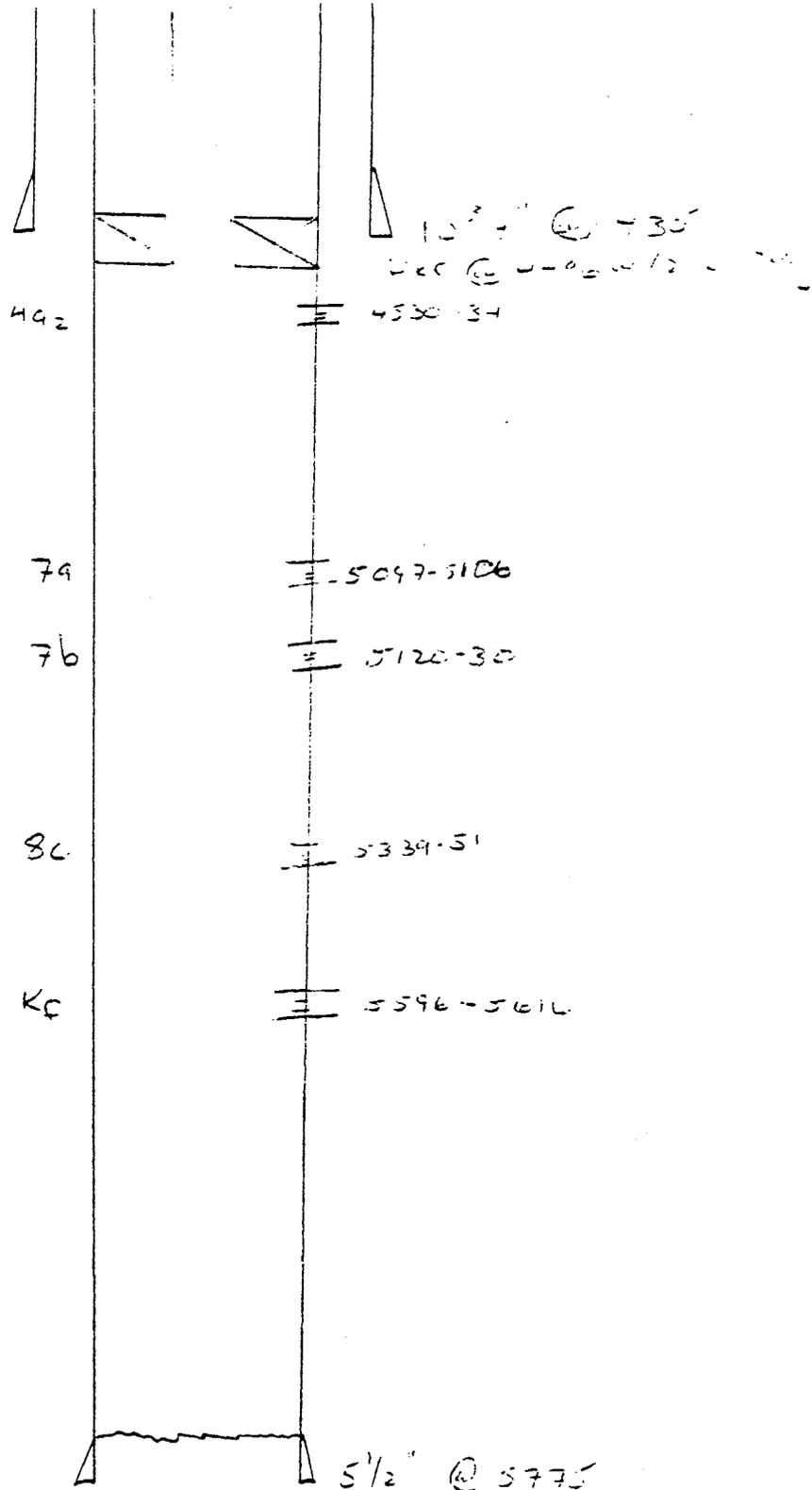
If you have any questions, feel free to contact me in this office at 405-528-2411.

Fred J. Wagner

FJW:fm

WELL NUMBER 7

ELEVATION: 5597.26



PBTD: 5662

TD: 5775



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: EXXON Well No. Walker Hollow Unit # 5  
 County: Ventura T 7S R 23E Sec. 12 API# 43-041-15559  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	YES	NO	
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fracture Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fluid Source	<u>Guerrero</u>		
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>7000+</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>same as above</u>
Known USDW in area	<u>Less than</u> Depth <u>300'</u>		
Number of wells in area of review	<u>6</u>	Prod. <u>4</u>	P&A <u>0</u>
		Water <u>0</u>	Inj. <u>2</u>
Aquifer Exemption	Yes <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	Date <u>7-13-83</u>	Type <u>Completions</u>	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: [Signature]



STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
Exxon Corporation  
 ADDRESS P. O. Box 1600  
Midland, TX ZIP 79702  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE Walker Hollow #7 WELL  
 SEC. 12 TWP. 7S RANGE 23E  
Uintah COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>Walker Hollow Unit</u>	Well No. <u>7</u>	Field <u>Walker Hollow</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SE/4</u> Sec. <u>12</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted - Existing Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Injector	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>N/A</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>Unknown</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil
Location of Injection Source(s) <u>Walker Hollow Unit</u> <u>Production</u>		Geologic Name(s) and Depth of Source(s) <u>Green River - 5000'</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>4530</u> to <u>5351'</u>	
a. Top of the Perforated Interval: <u>4530'</u>	b. Base of Fresh Water: <u>Shallower than 300'</u>	c. Intervening Thickness (a minus b) <u>Unknown</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? [ YES ] NO			
Lithology of Intervening Zones <u>Shale and Sandstone</u>			
Injection Rates and Pressures Maximum <u>2500</u> B/D <u>2500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Not required for existing wells</u>			

State of Texas)

With Crowe for J.K. Little

County of Midland)

Applicant

Before me, the undersigned authority, on this day personally appeared W.A. Crowe  
 known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on  
 oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated  
 therein, and that said report is true and correct.

Suscribed and sworn to before me this 6<sup>th</sup> day of October, 19 83

SEAL

Judy Loggell

My commission expires 11-10-84

Notary Public in and for Midland Co., Texas

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

**CASING AND TUBING DATA**

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	428'	275	Surface	Circulation
Intermediate					
Production	5-1/2"	5572'	810	2800'	Calculation
Tubing	2-7/8"	4500'	Name - Type - Depth of Tubing Packer Baker Model AD-1 @ 4500'		
<b>Total Depth</b> 5775'	<b>Geologic Name - Inj. Zone</b> Green River		<b>Depth - Top of Inj. Interval</b> 4530'		<b>Depth - Base of Inj. Interval</b> 5351'

WELL: WALKER Hollow UNIT # 7 WIW

FIELD: WALKER Hollow

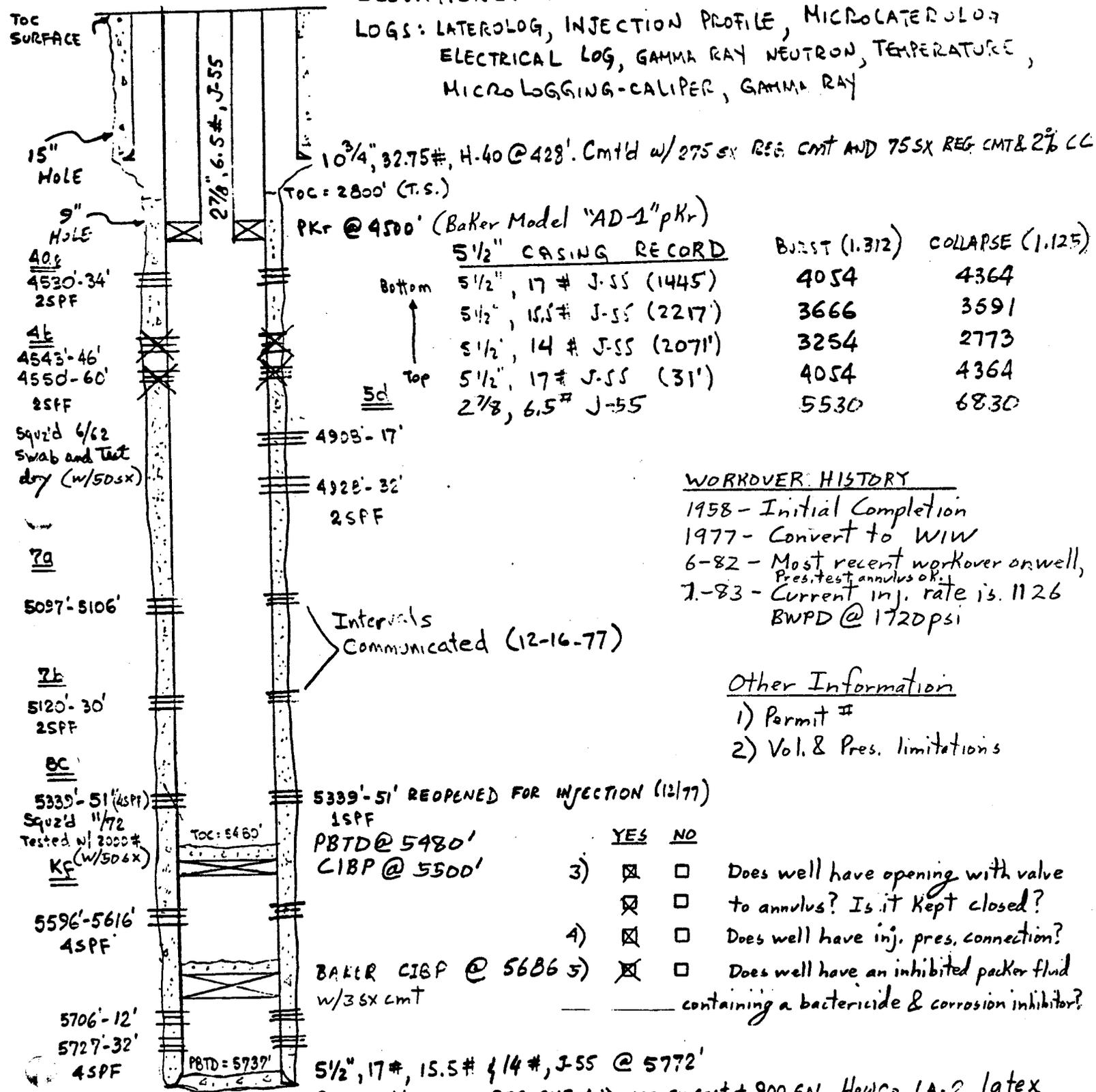
LOCATION: 2100' FSL & 730' FEL, NE SE section 12-7S-23E, SLH

UINTAH COUNTY, UTAH

ELEVATIONS: DF: 5611' GL: 5602' KB: 5613'

LOGS: LATEROLOG, INJECTION PROFILE, MICRO LATEROLOG  
ELECTRICAL LOG, GAMMA RAY NEUTRON, TEMPERATURE,  
MICRO LOGGING-CALIPER, GAMMA RAY

AFTER



WORKOVER HISTORY

- 1958 - Initial Completion
- 1977 - Convert to WIW
- 6-82 - Most recent workover on well,  
Pres. test annulus ok.
- 7-83 - Current inj. rate is 1126  
BWPD @ 1720psi

Other Information

- 1) Permit #
- 2) Vol. & Pres. limitations

	YES	NO	
3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does well have opening with valve to annulus? Is it kept closed?
4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does well have inj. pres. connection?
5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does well have an inhibited packer fluid containing a bactericide & corrosion inhibitor?

TD = 5775'

SCL JEA  
5-27-81 1-27-83

Cement bond between casing and formation is adequate.

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
LEASE NO.

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

API NO. \_\_\_\_\_  
840 Acres  
N

COUNTY Uintah SEC. 12 TWP. 7S RGE. 23E

COMPANY OPERATING Exxon Corporation

OFFICE ADDRESS P. O. Box 1600

TOWN Midland STATE ZIP TX 79702

FARM NAME Walker Hollow WELL NO. #7

DRILLING STARTED 2-24 19 58 DRILLING FINISHED 4-1 19 58

DATE OF FIRST PRODUCTION 5-3-58 COMPLETED 5-3-58

WELL LOCATED C 1/4 NE 1/4 SE 1/4

2100 FT. FROM SW OF 1/4 SEC. & 4500 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5611 GROUND 5602


W E

S  
Locate Well Correctly  
and Outline Lease

TYPE COMPLETION

Single Zone X

Multiple Zone \_\_\_\_\_

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To

CASING & CEMENT

Casing Set				Ceg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	32.75	H-40	428'		350		Surface
5-1/2"	17/15.5	J-55	5772'		810		2800
	14						

TOTAL DEPTH 5775

PACKERS SET

DEPTH Baker Model "AD-1" @ 4500'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Green River		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced recovery		
PERFORATED	4530 -		
INTERVALS			
ACIDIZED?			
FRACTURE TREATED?	Sand Frac		

INITIAL TEST DATA

Date	5/5/58		
Oil, bbl./day	50		
Oil Gravity	31.3		
Gas, Cu. Ft./day	43	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	95		
Water-Bbl./day	48		
Pumping or Flowing	Pump		
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Original signed by

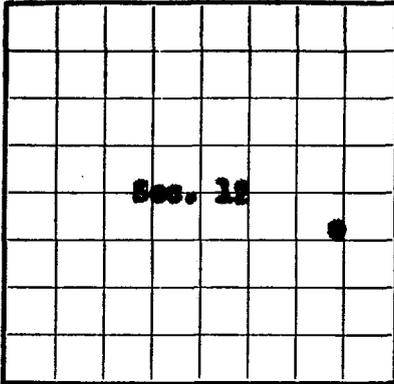
Telephone \_\_\_\_\_ B. M. Bradley, Dist. Supt., 6/9/58

Name and title of representative of company

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah



To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY  
now Exxon Corporation

Operating Company The Carter Oil Company Address P. O. Box 3082, Durango, Colorado  
Lease or Tract: Walker Hollow Unit Field Walker Hollow State Utah  
Well No. 7 Sec. 12 T. 7S R. R3E Meridian S1N County Uintah  
Location 2100 ft. N of S Line and 730 ft. E of S Line of Sec. 12 Elevation 5594  
(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 \_\_\_\_\_  
Date June 9, 1958 L. H. Bradley Title Dist. Supt.

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

Commenced drilling February 21, 1958 Finished drilling April 1, 1958  
COMPLETED: May 3, 1958

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from <u>4551</u> to <u>4628 G</u>	No. 4, from <u>5390</u> to <u>5442 G</u>
No. 2, from <u>5031</u> to <u>5046 G</u>	No. 5, from <u>5596</u> to <u>5617</u>
No. 3, from <u>5333</u> to <u>5352</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from <u>2987</u> to <u>3132</u>	No. 3, from <u>4906</u> to <u>4936</u>
No. 2, from <u>3308</u> to <u>3330</u>	No. 4, from <u>5160</u> to <u>5577</u>

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4</u>	<u>32.75</u>	<u>8</u>	<u>H-10</u>	<u>415</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>L-55</u>	<u>1176</u>	<u>Horse</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>5-1/2</u>	<u>25.5</u>	<u>8</u>	<u>L-55</u>	<u>2217</u>					
<u>5-1/2</u>	<u>24</u>	<u>8</u>	<u>L-55</u>	<u>2072</u>					
							<u>5134</u>	<u>5351</u>	<u>Production</u>
							<u>5596</u>	<u>5616</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>428</u>	<u>350</u>	<u>Halliburton</u>	<u>-</u>	<u>-</u>
<u>5-1/2</u>	<u>5772</u>	<u>810</u>	<u>Halliburton</u>	<u>-</u>	<u>-</u>

FOLD

**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 Surface feet to 5775 feet, and from ..... feet to ..... feet

Cable tools were used from None feet to ..... feet, and from ..... feet to ..... feet

**DATES**

June 9, 1958 Put to producing on test 5-2-58, 19.....

The production for the first 24 hours was 498 barrels of fluid of which 90 % was oil; ..... % emulsion; 10 % water; and ..... % sediment. Gravity, °Bé. 28.3 API

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .... Est. OCR 95.1

**EMPLOYEES**

....., Driller ..... , Driller  
 ..... , Driller ..... , Driller

COMPLETED: 5-3-58

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2,960	2,960	<u>UINTEA:</u> Greenish gray and red argillaceous sand stone and tan, green & red siltstone and silty shales.
2,960	5755	2,795	<u>GREEN RIVER:</u> Brownish gray salt & pepper sandstone, dark brown oil shale, gray & green calcareous shale & siltstone, with occasional thin ostracodal limestones.
5,755	5775	20	<u>WASATCH:</u> Red, green & brown calcareous shale.

[OVER]

## HISTORY OF OIL OR GAS WELL

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 hailing.

Spudded well 2-24-58. Drilled & reamed 15" hole to 435'. Set 13 jts, 435' of 10-3/4" OD, 32.75#, H-40 casing @ 428' with 350 sacks cement. Drilled & cored 9" hole to TD of 5775'. Set 5764' of 5-1/2" 17#, 15.5# & 11# J-55 casing @ 5772' with 810 sacks cement.

CUT 3 CORES - See attached sheet.

RAN 8 DRILL STEM TESTS - See attached sheet.

COMPLETION: Perforated 5732' to 5727' & 5712' to 5706' with 4 holes per foot. Ran tbg. with packer & set @ 5697' with tail pipe @ 5732'. Washed perforations with 500 gal. MCA & reversed out. Swabbed 100% water from these perforations. Pulled tbg., set Baker cast iron bridge plug @ 5686' and dumped 3 sacks cement from 5686' to 5662'.

Perforated 5596' to 5616' with 4 holes per foot. Ran tbg. with packer @ 5588' and tail pipe @ 5618' and washed perforations with 750 gal MCA. Reset packer @ 5550' and swabbed tbg. 8 hrs at rate of .83 bbls fluid per hr., grindout 10% water. With packer reset @ 5551', treated perforations 5596'-5616' with 4200 gal. #5 Burner fuel & 4200# sand in two stages, with 25 nylon balls after first 2100 gal. Max. press. 5000#, Min. press. 4650#, average injection rate 8 bbls/min. Left well shut in 10 hrs., press. zero after 4 hrs. Swabbed back load & frac oil & swab tested for 11 hrs. Last 4 hrs of test recovered 13.23 bbls fluid, 4% water, very small amount of gas. Pulled tbg. & packer.

Set bridge plug @ 5390'. Perforated from 5339' to 5351' with 4 holes per foot. Ran tbg. & packer. Packer @ 5326' & tail pipe @ 5357'. Tested perforations natural for 3 hrs., no recovery. Washed perforations with 500 gal. MCA, reversed out. Swabbed 2 1/2 hrs., no recovery. Sand-oil frac with 3000 gal. #5 Burner fuel & 3000# sand. Max. press. 5000#, Min. press. 4900#, average injection rate 8 bbls/min. Shut in pressure 2000#. Flushed with 31 bbls crude plus 200# Adomite. Left shut in 8 hrs. Swabbed back flush & frac oil & swab tested 15 hrs. Last 4 hrs of test recovered 58 bbls oil, grindout 3/10% water.

Pulled tbg., drilled out bridge plug @ 5390' and cleaned up hole to 5662'. Ran tbg. & rods. Completed as oil well on 5-3-58 swabbing at rate of 450 BO & 48 BW per day from perforations 5339' to 5351' and 5596' to 5616'.

Sample of produced water; to be reinjected. Also formation water (Producing and injection formations are the same.)

# SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000  
 P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765  
 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

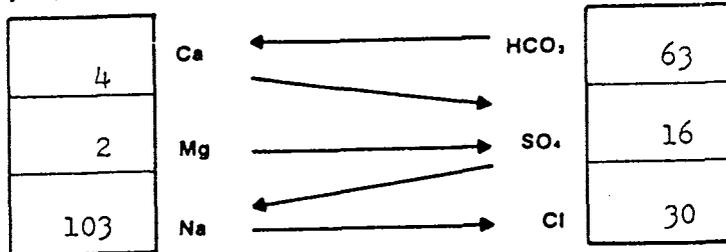
## WATER ANALYSIS REPORT

COMPANY Exxon Company USA ADDRESS Vernal, Utah DATE: 7-15-83  
 SOURCE Walker Hollow Unit # 3 DATE SAMPLED 7-14-83 ANALYSIS NO. 1150

Analysis	Mg/l (ppm)	Meq/l
1. PH	<u>7.6</u>	
2. H <sub>2</sub> S (Qualitative)	<u>2.5 ppm</u>	
3. Specific Gravity	<u>1.0050</u>	
4. Dissolved Solids		
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>100-999</u> C/MI	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>3,160</u>	
8. Bicarbonate (HCO <sub>3</sub> )	<u>3,855</u> ÷61	<u>63</u> HCO <sub>3</sub>
9. Chlorides (Cl)	<u>1,062</u> ÷35.5	<u>30</u> Cl
10. Sulfates (SO <sub>4</sub> )	<u>750</u> ÷48	<u>16</u> SO <sub>4</sub>
11. Calcium (Ca)	<u>78</u> ÷20	<u>4</u> Ca
12. Magnesium (Mg)	<u>26</u> ÷12.2	<u>2</u> Mg
13. Total Hardness (CaCO <sub>3</sub> )	<u>300</u>	
14. Total Iron (Fe)	<u>0.2</u>	
15. Barium (Qualitative)	<u>0</u>	
16. Phosphate Residuals		

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>4</u>		<u>324</u>
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		<u>2</u>		<u>146</u>
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		<u>57</u>		<u>4,788</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03		<u>16</u>		<u>1,136</u>
Na Cl	58.46		<u>30</u>		<u>1,754</u>

REMARKS \_\_\_\_\_

Water from source well- To be used as injection fluid in  
4 Walker Hollow Unit wells.

LABORATORY WATER ANALYSIS

To: Exxon Company USA  
Vernal, UT

Well No. Source Water (Chevron)  
Legal Desc. Sec. 1-T6S-R22E  
County Uintah State Utah

Date Sampled 6-3-82  
Sample Location Waterflood Station  
Sampled by H. Langen

Formation Green River  
Depth 30'  
Water B/D \_\_\_\_\_

pH 6.8  
Carbon Dioxide (CO<sub>2</sub>) 30  
Dissolved Oxygen (O<sub>2</sub>) ND  
Sulfide as H<sub>2</sub>S 0

Specific Gravity 60/60 \_\_\_\_\_  
Resistivity (ohm meters) \_\_\_\_\_  
Saturation Index 70°F +0.05  
150°F +0.8

DISSOLVED SOLIDS

Cations	mg/l	me/l
Calcium, Ca	168	8
Magnesium, Mg	29	2
Sodium, Na	138	6
Hardness, total	540	-
Barium, Ba	0	-
Total Dissolved Solids, Calc.	1125	
Total Suspended Solids		

Anions	mg/l	me/l
Carbonate, CO <sub>3</sub>	180	3
Bicarbonate, HCO <sub>3</sub>	500	10
Sulfate, SO <sub>4</sub>	110	3
Chloride, Cl		
Iron, Total		
Iron, Sol.		

PROBABLE MINERAL COMPOSITION

Cations	Anions	Compound	Equiv. wt.	x meq/l	= mg/l
8 Ca	HCO <sub>3</sub> 3	Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	3	243
2 Mg	So <sub>4</sub> 10	CaSo <sub>4</sub>	68.07	5	340
6 Na	CL 3	CaCL <sub>2</sub>	55.50		
		Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		
		MgSo <sub>4</sub>	60.19	2	120
		MgCL <sub>2</sub>	47.62		
		NaHCO <sub>3</sub>	84.00		
		NaSo <sub>4</sub>	71.03	3	213
		NaCL	58.46	3	175

Submitted by: T. Lye

Water produced from several Walker Hollow Unit wells- to be reinjected. Also water from Green River formation (Producing and injection formations are the same.)

## SOONER CHEMICAL SPECIALTIES, INC.

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 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

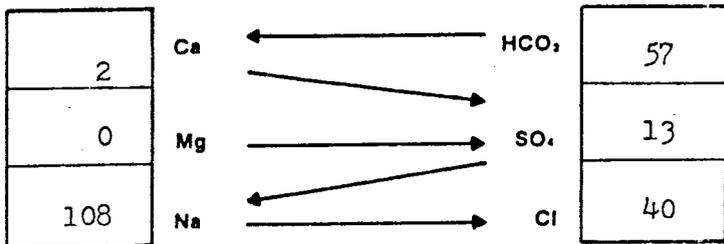
### WATER ANALYSIS REPORT

COMPANY Exxon Company USA ADDRESS Vernal, Utah DATE: 7-15-83  
 SOURCE # 1 FWKO DATE SAMPLED 7-14-83 ANALYSIS NO. 1148

Analysis	Mg/l (ppm)	*Meq/l
1. PH	8.2	
2. H <sub>2</sub> S (Qualitative)	6.0 ppm	
3. Specific Gravity	1.0100	
4. Dissolved Solids		
5. Suspended Solids		
6. Anaerobic Bacterial Count <u>Initiated Culture</u> C/MI		
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	2,840	
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> 3,465	÷61 57 HCO <sub>3</sub>
9. Chlorides (Cl)	Cl 1,416	÷35.5 40 Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> 600	÷48 13 SO <sub>4</sub>
11. Calcium (Ca)	Ca 38	÷20 2 Ca
12. Magnesium (Mg)	Mg 4	÷12.2 0 Mg
13. Total Hardness (CaCO <sub>3</sub> )	110	
14. Total Iron (Fe)	0.8	
15. Barium (Qualitative)	0	
16. Phosphate Residuals		

\*Milli equivalents per liter

#### PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		2		162
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		55		4,620
Na <sub>2</sub> SO <sub>4</sub>	71.03		13		923
Na Cl	58.46		40		2,338

Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLIC.  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WDW		5. LEASE DESIGNATION AND SERIAL NO. SLC-066357
2. NAME OF OPERATOR Exxon Corp. Attn: David A. Murray		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		7. UNIT AGREEMENT NAME Walker Hollow Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2100' FSL and 730' FEL of Sec. 12, (NESE)		8. FARM OR LEASE NAME Walker Hollow Unit
14. PERMIT NO. 43-047-05580 15559		9. WELL NO. 7
15. ELEVATIONS (Show whether SP, ST, GR, etc.) Gr.-5605		10. FIELD AND POOL, OR WILDCAT Walker Hollow
		11. SEC., T., R., N., OR S.W. AND SURVEY OR AREA Sec. 12, T7S, R23E
		12. COUNTY OR PARISH Uintah
		13. STATE UT

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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) _____	

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

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

The following work has been completed on the captioned well:

Treated existing perforations with 25 gallons per perforated foot with Wellchem's Wellaid 360 and Supersol mixture.

Added perforations in the following intervals: 4497'-4507', 4781'-4790', 4875'-4880', 4889'-4895', 5135'-5138', 5151'-5155'. One shot per foot.

Acidized all zones with a total of 4175 gals. 15% HCL.

R.I.H. 2 7/8" tbq. and set packer at 4430'.

Put well back on injection 9-3-87.

Test 9-16-87: 866 Bbls. in 24 hours at 1,300 psi.

FRW 9-16-87.

RECEIVED

SEP 25 1987

DIVISION OF OIL  
GAS AND MINING

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

SIGNED David A. Murray TITLE Permits Supervisor DATE 9-21-87

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. <b>SLC-066357</b>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Exxon Corp. Attn: Sharon B. Timlin</b>		7. UNIT AGREEMENT NAME <b>Walker Hollow Unit</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 1600, Midland, TX 79702 915-688-7509</b>		8. FARM OR LEASE NAME <b>Walker Hollow Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>2100' FSL and 730' FEL of Sec. 12 - 7S - 23E NE SE</b>		9. WELL NO. <b>7</b>
14. PERMIT NO. <b>43-047-15359</b>		10. FIELD AND POOL, OR WILDCAT <b>Walker Hollow</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 12 - 7S - 23E</b>
12. COUNTY OR PARISH <b>Utah</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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) <u>Mechanical Integrity Test</u>	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

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.)\*

2-21-91 well tested, witnessed by Gus Stoltz  
 beginning 405#  
 ending 405#

RECEIVED

MAR 11 1991

DIVISION OF  
OIL GAS & MINING

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

SIGNED Sharon B. Timlin TITLE Staff Office Assistant DATE 3-6-91

(This space for Federal or State office use)

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-verse side)

5. LEASE DESIGNATION AND SERIAL NO. SLC-066357
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Walker Hollow Unit
8. FARM OR LEASE NAME Walker Hollow Unit
9. WELL NO. 7
10. FIELD AND POOL, OR WILDCAT Walker Hollow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-7S-23E
12. COUNTY OR PARISH Uintah
13. STATE UT

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Exxon Corp. Attn: Sharon B. Timlin

3. ADDRESS OF OPERATOR  
P.O. Box 1600 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2100' FSL & 730' FEL of Section 12-7S-23E NESE

14. PERMIT NO.  
93-047-15559

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

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 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) update well information	<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.)\*

filed to show current perforations @ 4497-5351' and current packer depth @ 4392'.

RECEIVED

JAN 24 1992

DIVISION OF  
OIL GAS & MINING

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

SIGNED Sharon B. Timlin TITLE Sr. Staff Office Assistant DATE 1-17-92  
Sharon B. Timlin

(This space for Federal or State office use)

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

OGMWIDT1 0085 NAT1011 Requested function key not allocated.

12/28/94                    D E T A I L   W E L L   D A T A                    menu: opt 00  
api num:    4304715559            prod zone: GRRV            sec    twnshp    range    qr-qr  
entity:    99996 : WATER INJECTION WELL            12    7.0   S    23.0 E    NESE  
well name: WALKER HOLLOW UNIT #7  
operator:   N0420 : EXXON CORPORATION                    meridian: S  
field:      700    : WALKER HOLLOW  
confidential flag:            confidential expires:            alt addr flag:  
                  \* \* \* application to drill, deepen, or plug back \* \* \*  
lease number:    U-066357            lease type: 1            well type:        OW  
surface loc:    2100 FSL 0730 FEL            unit name:    WALKER HOLLOW  
prod zone loc: 2100 FSL 0730 FEL            depth:        6000            proposed zone: WSTC  
elevation:      5605' GR            apd date:            auth code:  
\* \* completion information \* \*            date recd:    580612            la/pa date:  
spud date:      580224            compl date:    580503            total depth: 5775'  
producing intervals: 5339-5616'  
bottom hole:    2100 FSL 0730 FEL            first prod:    580502            well status:    WIW  
24hr oil:    448    24hr gas:            24hr water:    49            gas/oil ratio:  
                  \* \* well comments:            directionl:            api gravity:  
771215 COMM WIW:931230 FTGS CHGD FR 1980 FNL 0660 FWL PER FILE:941227 1993  
CUM BASE ADJ:941228 SCREEN INFO CHGD PER WELL FILE & PROD REC:

opt: 21 api: 4304715559 zone: GRRV    date(yymm):            enty            acct:



**EXXON** COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

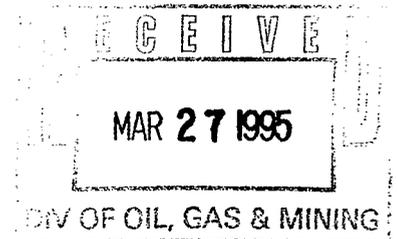
MIDLAND PRODUCTION ORGANIZATION

OPERATIONS INTEGRITY

March 23, 1995

Operator Change  
Walker Hollow (Green River) Unit  
Summit County, Utah

Utah Oil & Gas Conservation Commission  
Utah Division of Oil, Gas & Mining  
355 West North Temple  
State Office Building  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



Attention: Leisha Cordova

Effective April 1, 1995, Citation Oil & Gas Corp. will replace Exxon Corp. as operator of the Walker Hollow (Green River) Unit. Attached is a list of locations, API numbers and lease numbers for wells in the subject unit.

Please direct questions concerning this property transfer to me at (915) 688-7875.

Sincerely,

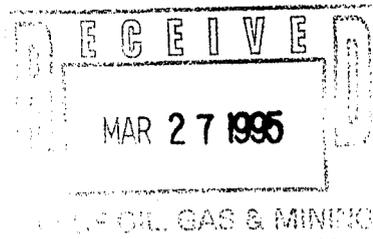
A handwritten signature in black ink, appearing to read "S. Johnson". The signature is written in a cursive style with a large initial "S".

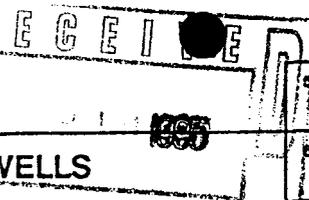
Stephen Johnson

SJJ/mym  
Enclosure

# WALKER HOLLOW (GREEN RIVER) UNIT WELLS

WELL	1/4 SEC	S-T-R	API NUMBER	LEASE NUMBER
1	SWSW	8-7S-24E	4304715554 ✓	U-02512
2	SWNE	8-7S-24E	4304715556 ✓	SLC-066357
3	SWSW	7-7S-24E	4304715557 ✓	SLC-066357
4	SWSE	12-7S-23E	4304716501 <i>w/w</i>	SLC-066357
5	SWSW	12-7S-23E	4304715558 ✓	SLC-066357
6	SWSE	7-7S-24E	4304716502 <i>w/w</i>	SLC-066357
7	NESE	12-7S-23E	4304715559 <i>w/w</i>	SLC-066357
8	SWSE	8-7S-24E	4304716503 <i>w/w</i>	U-02512
10	SWNW	9-7S-24E	4304715561 <i>w/w</i>	U-02512
11	NENW	9-7S-24E	4304715562 ✓	U-02512
12	SWSE	4-7S-24E	4304716504 <i>w/w</i>	SLC-066313
13	NESW	8-7S-24E	4304715563 ✓	U-02512
14	NESE	7-7S-24E	4304715564 ✓	SLC-066357
15	NENW	12-7S-23E	4304715565 ✓	SLC-066357
16	NESW	7-7S-24E	4304715566 ✓	SLC-066357
17	SWNW	12-7S-23E	4304715567 <i>w/w</i>	SLC-066357
18	SWSE	1-7S-23E	4304715568 <i>w/w</i>	SLC-066312
20	NESE	11-7S-23E	4304715569 ✓	SLC-066357
21	NESE	1-7S-23E	4304715570 ✓	SLC-066312
22	SWSE	11-7S-23E	4304715571 <i>w/w</i>	SLC-066357
23	SWNE	11-7S-23E	4304715572 ✓	SLC-066357
24	NESW	11-7S-23E	4304715573 ✓	SLC-066357
25	SWSW	1-7S-23E	4304730040 ✓	SLC-066312
26	SWNW	11-7S-23E	4304715548 <i>w/w</i>	SLC-066357
27	SWNW	8-7S-24E	4304730082 <i>w/w</i>	SLC-066357
28	NWSW	9-7S-24E	4304730092 ✓	U-02512
29	SWSW	11-7S-23E	4304730093 ✓	SLC-066357
30	SWSE	2-7S-23E	4304730094 <i>w/w</i>	ML-3175
31	SWNE	9-7S-24E	4304711512 <i>w/w</i>	U-02512
32	NENE	9-7S-24E	4304730132 ✓	U-02512
33	SWNE	12-7S-23E	4304730133 ✓	SLC-066357
34	SWNW	7-7S-24E	4304730134 <i>w/w</i>	SLC-066357
35	NENE	11-7S-23E	4304730281 <i>w/w</i>	SLC-066357
36	NESW	12-7S-23E	4304730282 ✓	SLC-066357
37	NENW	11-7S-23E	4304730417 ✓	SLC-066357
38	NENE	12-7S-23E	4304730418 ✓	SLC-066357
39	NESE	10-7S-23E	4304730415 ✓	U-02651-C
40	NENE	8-7S-24E	4304730690 ✓	SLC-066357
41	NWSE	8-7S-24E	4304730691 ✓	U-02512
42	NWSE	11-7S-23E	4304730692 ✓	SLC-066357
43	SWNE	1-7S-23E	4304730687 ✓	SLC-066312
44	NESE	2-7S-23E	4304730688 ✓	ML-3175
45	NENE	1-7S-23E	4304730897 ✓	SLC-066312
46	NESW	1-7S-23E	4304730416 ✓	SLC-066312
47	SWNE	2-7S-23E	4304730888 ✓	SLC-066312
48	NENE	7-7S-24E	4304730891 ✓	SLC-066357
49	SWSW	4-7S-24E	4304730892 ✓	SLC-066313
52	NWSW	8-7S-24E	4304730945 ✓	U-02512
54	SESW	1-7S-23E	4304730893 ✓	SLC-066312
55	NWNW	12-7S-23E	4304730894 ✓	SLC-066357
56	SENE	11-7S-23E	4304730911 ✓	SLC-066357
57	NWNE	11-7S-23E	4304730895 ✓	SLC-066357
58	SESE	2-7S-23E	4304730912 ✓	ML-3175
59	SESW	8-7S-24E	4304730946 ✓	U-02512
60	SESE	11-7S-23E	4304730913 ✓	SLC-066357
62	SWNE	10-7S-23E	4304730914 ✓	U-02651-C
63	SWNW	1-7S-23E	4304730916 ✓	SLC-066312
64	SWNW	6-7S-24E	4304730947 ✓	SLC-066313
66	NENE	10-7S-23E	4304731131 ✓	U-02651-C
69	NESW	2-7S-23E	4304731665 ✓	ML-3175
72	SWNW	2-7S-23E	4304731227 ✓	ML-3175
73	SWSE	3-7S-23E	4304731032 ✓	SLC-066312
74	SESW	3-7S-23E	4304731031 ✓	SLC-066357
75	SWSW	2-7S-23E	4304731182 ✓	ML-3175
76	NENW	1-7S-23E	4304731542 ✓	SLC-066312
77	NENE	1-7S-23E	4304731563 ✓	SLC-066312
101	SWNE	7-7S-24E	4304715555 ✓	SLC-066357





**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 TO DRILL OR DEEPEN form for such proposals.

6. Lease Designation and Serial Number:

8. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Walker Hollow Unit

8. Well Name and Number:

see below

9. API Well Number:

see below

10. Field and Pool, or Wildcat:

Walker Hollow (Green River)

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
Citation Oil & Gas Corp.

3. Address and Telephone Number:  
8223 Willow Place S. Ste 250 Houston, TX 77070 713-469-9664

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

County: Uintah

State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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.

12. 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.)

Effective April 1, 1995 Citation Oil & Gas Corp. took over as operator of the Walker Hollow Unit from Exxon Company, USA.

The wells involved are as follows:

Walker Hollow Unit #1	43-047-15554	Sec. 8 T7S R24E
Walker Hollow Unit #2	43-047-15556	Sec. 8 T7S R24E
Walker Hollow Unit #3	43-047-15557	Sec. 7 T7S R24E
Walker Hollow Unit #4	43-047-16501	Sec. 12 T7S R23E
Walker Hollow Unit #5	43-047-15558	Sec. 12 T7S R23E
Walker Hollow Unit #6	43-047-16502	Sec. 7 T7S R24E
Walker Hollow Unit #7	43-047-05580	Sec. 12 T7S R23E
Walker Hollow Unit #8	43-047-16503	Sec. 8 T7S R24E
Walker Hollow Unit #9	43-047-15560	Sec. 8 T7S R24E
Walker Hollow Unit #10	43-047-15561	Sec. 9 T7S R24E

13.

continued on back

Name & Signature: Sharon Ward *Sharon Ward* Title: Production Reg. Supv. Date: 4-6-95

(This space for State use only)

The following are the list of wells involved in the change of operator on the Walker Hollow Unit from Exxon Company USA to Citation Oil & Gas Corp. effective April 1, 1995.

Walker Hollow Unit #11	43-047-15562	Sec. 9 T7S R24E
Walker Hollow Unit #12	43-047-16504	Sec. 4 T7S R24E
Walker Hollow Unit #13	43-047-15563	Sec. 8 T7S R24E
Walker Hollow Unit #14	43-047-15564	Sec. 7 T7S R24E
Walker Hollow Unit #15	43-047-15565	Sec.12 T7S R23E
Walker Hollow Unit #16	43-047-15566	Sec. 7 T7S R24E
Walker Hollow Unit #17	43-047-15567	Sec.12 T7S R23E
Walker Hollow Unit #18	43-047-15568	Sec. 1 T7S R23E
Walker Hollow Unit #20	43-047-15569	Sec.11 T7S R23E
Walker Hollow Unit #21	43-047-15570	Sec. 1 T7S R23E
Walker Hollow Unit #22	43-047-15571	Sec.11 T7S R23E
Walker Hollow Unit #23	43-047-15572	Sec.11 T7S R23E
Walker Hollow Unit #24	43-047-15573	Sec.11 T7S R23E
Walker Hollow Unit #25	43-047-30040	Sec. 1 T7S R23E
Walker Hollow Unit #26	43-047-15548	Sec.11 T7S R23E
Walker Hollow Unit #27	43-047-30082	Sec. 8 T7S R24E
Walker Hollow Unit #28	43-047-30092	Sec. 9 T7S R24E
Walker Hollow Unit #29	43-047-30093	Sec.11 T7S R23E
Walker Hollow Unit #30	43-047-30094	Sec. 2 T7S R23E
Walker Hollow Unit #31	43-047-11512	Sec. 9 T7S R24E
Walker Hollow Unit #32	43-047-30132	Sec. 9 T7S R24E
Walker Hollow Unit #33	43-047-30133	Sec.12 T7S R23E
Walker Hollow Unit #34	43-047-30134	Sec. 7 T7S R24E
Walker Hollow Unit #35	43-047-30281	Sec.11 T7S R23E
Walker Hollow Unit #36	43-047-30282	Sec.12 T7S R23E
Walker Hollow Unit #37	43-047-30417	Sec.11 T7S R23E
Walker Hollow Unit #38	43-047-30418	Sec.12 T7S R23E
Walker Hollow Unit #39	43-047-30415	Sec.12 T7S R23E
Walker Hollow Unit #40	43-047-30690	Sec. 8 T7S R24E
Walker Hollow Unit #41	43-047-30691	Sec. 8 T7S R24E
Walker Hollow Unit #42	43-047-30692	Sec.11 T7S R23E
Walker Hollow Unit #43	43-047-30687	Sec. 1 T7S R23E
Walker Hollow Unit #44	43-047-30688	Sec. 2 T7S R23E
Walker Hollow Unit #45	43-047-30897	Sec. 1 T7S R23E
Walker Hollow Unit #46	43-047-30416	Sec. 1 T7S R23E
Walker Hollow Unit #47	43-047-30888	Sec. 2 T7S R23E
Walker Hollow Unit #48	43-047-30891	Sec. 7 T7S R24E
Walker Hollow Unit #49	43-047-30892	Sec. 4 T7S R24E
Walker Hollow Unit #52	43-047-30945	Sec. 8 T7S R24E
Walker Hollow Unit #54	43-047-30893	Sec. 1 T7S R23E
Walker Hollow Unit #55	43-047-30894	Sec.12 T7S R23E
Walker Hollow Unit #56	43-047-30911	Sec.11 T7S R23E
Walker Hollow Unit #57	43-047-30895	Sec.11 T7S R23E
Walker Hollow Unit #58	43-047-30912	Sec. 2 T7S R23E
Walker Hollow Unit #59	43-047-30946	Sec. 8 T7S R24E
Walker Hollow Unit #60	43-047-30913	Sec.11 T7S R23E
Walker Hollow Unit #62	43-047-30914	Sec.10 T7S R23E
Walker Hollow Unit #63	43-047-30916	Sec. 1 T7S R23E
Walker Hollow Unit #64	43-047-30947	Sec. 6 T7S R24E
Walker Hollow Unit #66	43-047-31131	Sec.10 T7S R23E
Walker Hollow Unit #69	43-047-31665	Sec. 2 T7S R23E
Walker Hollow Unit #72	43-047-31227	Sec. 2 T7S R23E
Walker Hollow Unit #73	43-047-31032	Sec. 3 T7S R23E
Walker Hollow Unit #74	43-047-31031	Sec. 3 T7S R23E
Walker Hollow Unit #75	43-047-31182	Sec. 2 T7S R23E
Walker Hollow Unit #76	43-047-31542	Sec. 1 T7S R23E
Walker Hollow Unit #77	43-047-31563	Sec. 1 T7S R23E
Walker Hollow Unit #78	43-047-31645	Sec. 1 T7S R23E
Walker Hollow Unit #101	43-047-15555	Sec. 7 T7S R24E

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

**Well File** \_\_\_\_\_  
\_\_\_\_\_  
(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

**Suspense**  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

**Other**  
OPER. CHG. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1. Date of Phone Call: 5-2-95 Time: 8:23

2. DOGM Employee (name) L. CORDOVA (Initiated Call   
Talked to:

Name SHARON WARD (Initiated Call  - Phone No. (713) 469-9664  
of (Company/Organization) CITATION O&G CORP.

3. Topic of Conversation: OPERATOR OF THE "WALKER HOLLOW (GRRV) UNIT?  
BLM APRV CITATION 1994 INVESTMENT LP. IS COMPANY CHANGING NAME FROM CITATION  
O&G CORP?

4. Highlights of Conversation: \_\_\_\_\_  
MS. WARD "CITATION" CALLED BLM TO CHANGE APRV'L TO CITATION O&G CORP. NOT  
CITATION 1994 INVESTMENT LP. PER BLM/SL THE CHANGE SHOULD NOT TAKE LONG.

\*BLM/SL - SIMPLE CHANGE, SHOULD ONLY TAKE A COUPLE OF DAYS.

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

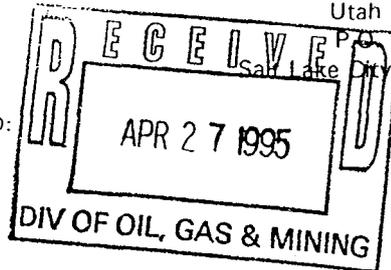
Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

# COPY

IN REPLY REFER TO:  
UT-922



April 26, 1995

Citation 1994 Investment LP  
Attn: Christopher E. Cottrell  
8223 Willow Place South, Suite 250  
Houston, Texas 77070-5623

Re: Walker Hollow (Green River) Unit  
Uintah County, Utah

Gentlemen:

We received an indenture dated March 22, 1995, whereby Exxon Company, U.S.A. resigned as Unit Operator and Citation 1994 Investment Limited Partnership was designated as Successor Unit Operator for the Walker Hollow (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 26, 1995.

Your nationwide (Montana) oil and gas bond No. 0630 will be used to cover all operations within the Walker Hollow (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Assad M. Raffoul

for Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Division of Lands and Mineral Operations U-923  
File - Walker Hollow (GR) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:04-26-95

NOTICE OF TRANSFER OF OWNERSHIP

Present operator: Exxon Corp. Telephone: (915) 688-7875

Address: P.O. Box 1600

City: Midland State: TX ZIP: 79702

Well no.: Walker Hollow (Green River) Unit Field or Unit name: \_\_\_\_\_

Sec.: see attachment Twp.: \_\_\_\_\_ Rng.: \_\_\_\_\_ County: Summit Lease no.: see attachment

Effective date of transfer: April 1, 1995

*Stephen Johnson*  
Signature of present operator Stephen Johnson  
March 31, 1995  
Date

New operator: Citation Oil & Gas Corp.

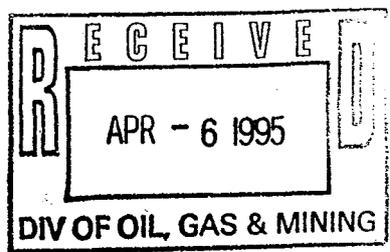
Address: 8223 Willow Place South, Suite 250

City: Houston State: TX ZIP: 77070-5623

*Sharon Ward*  
Signature of new operator Sharon Ward  
April 3, 1995  
Date

(This space for DOGM approval)

CAUSE # 117-1



Approved by: *A. Johnson* Title: Exxon Manager Date: 5-3-95

# WALKER HOLLOW (GREEN RIVER) UNIT INJECTION WELLS

WELL	1/4 SEC	S-T-R	API NUMBER	LEASE NUMBER
4	SWSE	12-7S-23E	4304716501	SLC-066357
6	SWSE	7-7S-24E	4304716502	SLC-066357
7	NESE	12-7S-23E	4304715559	SLC-066357
8	SWSE	8-7S-24E	4304716503	U-02512
10	SWNW	9-7S-24E	4304715561	U-02512
12	SWSE	4-7S-24E	4304716504	SLC-066313
17	SWNW	12-7S-23E	4304715567	SLC-066357
18	SWSE	1-7S-23E	4304715568	SLC-066312
22	SWSE	11-7S-23E	4304715571	SLC-066357
26	SWNW	11-7S-23E	4304715548	SLC-066357
27	SWNW	8-7S-24E	4304730082	SLC-066357
30	SWSE	2-7S-23E	4304730094	ML-3175
31	SWNE	9-7S-24E	4304711512	U-02512
34	SWNW	7-7S-24E	4304730134	SLC-066357
35	NENE	11-7S-23E	4304730281	SLC-066357

CORRECTION TO DIRECTOR'S MINUTES OF SEPTEMBER 21, 1994; ML 44446 BUILDING  
STONE/LIMESTONE

The Director's Minutes of September 21, 1994, list State of Utah Building Stone/Limestone Lease ML 44446 as being cancelled for non-payment. Chemcial Lime Company, lessee, has been notified of their default in this matter and with the right to cure, they have complied with this office and provided the required past due rentals with interest and pentalites. Therefore, the Director's Minutes of Septemer 21, 1994, should be corrected to show that ML 44446 was not cancelled for non-payment.

Upon recommendation of Mr. Cooper, the Director approved the correction to the Director's Minutes of September 21, 1994.

\* \* \* \* \*

TERMINATION OF THE INDIANOLA UNIT

Hunt Oil Company, operator of the Indianola Unit, has furnished this office with evidence that this unit was terminated by the Bureau of Land Management on February 24, 1995.

The records of the following leases should be noted to show the termination of this unit.

- |          |                              |
|----------|------------------------------|
| ML 41655 | Shell Onshore Ventures, Inc. |
| ML 41658 | Shell Onshore Ventures, Inc. |

Due to the termination of the unit, the terms of ML 41655 and ML 41658 will be extended until February 24, 1997.

Upon recommendation of Mr. Bonner, the Director noted the termination of the Indianola Unit and approved the extension of ML 41655 and ML 41658.

STATEWIDE BOND OF LESSEE

Citation Oil & Gas Corporation has submitted an \$80,000 State of Utah Statewide Bond of Lessee to cover their oil and gas exploration and development operations on Trust lands. The surety is Gulf Insurance Company, Bond No. 587800.

Upon recommendation of Mr. Bonner, the Director accepted Bond No. 587800 as described above.

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

Routing:

1- <del>LWC</del> / GIL
2-LWP / 7-PL
3- <del>DTS</del> 8-SJ
4-VLC / 9-FILE
5-RJF
6-LWP / <i>[initials]</i>

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: 4-1-95)

TO (new operator)	<u>CITATION OIL &amp; GAS CORP</u>	FROM (former operator)	<u>EXXON CORPORATION</u>
(address)	<u>8223 WILLOW PL S #250</u>	(address)	<u>PO BOX 4721</u>
	<u>HOUSTON TX 77070-5623</u>		<u>HOUSTON TX 77210-4721</u>
	<u>SHARON WARD</u>		<u>STEPHEN JOHNSON/MIDLAND</u>
	phone ( <u>713</u> ) <u>469-9664</u>		phone ( <u>915</u> ) <u>688-7875</u>
	account no. <u>N 0265</u>		account no. <u>N 0420</u>

Well(s) (attach additional page if needed): **\*WALKER HOLLOW (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>047-15559</u>	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: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-27-95)*
- Yec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 4-5-95) (Rec'd 4-6-95) (Rec'd 4-10-95)*
- N/A 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: \_\_\_\_\_.
- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(5-2-95)*
- Sup 6. Cardex file has been updated for each well listed above. *5-8-95*
- Sup 7. Well file labels have been updated for each well listed above. *5-8-95*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(5-2-95)*
- Yec 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)      (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)**

*\* 950308 Trust Lands Admin. Surety # 587800 / 80,000 Gulf Ins. Co.*

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 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)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

**LEASE 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.
- 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: May 18 1995.

**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**

950329 Exxon / Steve Johnson "Req. WIC F5"

950406 Rec'd WIC F5 "Old Form".

950426 BLM Aprv. "Citation 1994 Investment L.P."

950502 Unit opn. nm. chg. from "Citation 1994 Investment L.P." to "Citation O.E.B. Corp." in progress. (see phone DOC.)

# United States Department of the Interior COPY

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

MAY 5 1995

IN REPLY REFER TO:  
UT-922

May 9, 1995

Citation Oil & Gas Corporation  
Attn: Sharon Ward  
8223 Willow Place South, Suite 250  
Houston, Texas 77070-5623

Re: Walker Hollow (Green River) Unit  
Uintah County, Utah

Gentlemen:

We received an indenture dated May 2, 1995, whereby Citation 1994 Investment Limited Partnership resigned as Unit Operator and Citation Oil & Gas Corporation was designated as Successor Unit Operator for the Walker Hollow (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective May 9, 1995.

Your nationwide (Montana) oil and gas bond No. 0630 will be used to cover all operations within the Walker Hollow (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Lands and Mineral Operations U-923  
File - Walker Hollow (GR) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:05-09-95



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

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

August 19, 1997

Bob Christofferson  
Citation Oil & Gas Corporation  
1016 East Lincoln  
Gillette, Wyoming 82716

Re: Pressure Test for Mechanical Integrity for the Listed  
Injection Wells, Uintah County, Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing on September 11, 1997 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

Page 2

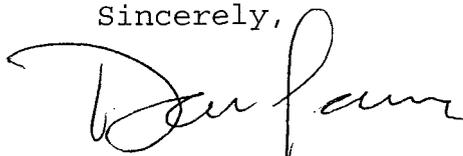
Citation Oil & Gas Corporation

August 19, 1997

3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.
4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact Chris Kierst at (801)538-5337 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in cursive script that reads "Dan Jarvis". The signature is written in black ink and is positioned above the printed name and title.

Dan Jarvis  
UIC Geologist

lwp  
Attachment

Walker Hollow #18  
Walker Hollow #30  
Walker Hollow #22  
Walker Hollow #26  
Walker Hollow #35  
Walker Hollow #4  
Walker Hollow #7  
Walker Hollow #17  
Walker Hollow #10  
Walker Hollow Unit #31  
Walker Hollow Unit #12  
Walker Hollow Unit #34  
Walker Hollow Unit #6  
Walker Hollow Unit #8  
Walker Hollow Unit #27

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>SLC066357</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>INJECTION</u>		7. UNIT or CA AGREEMENT NAME: <b>Walker Hollow UTU66837A</b>
2. NAME OF OPERATOR: <b>Citation Oil &amp; Gas Corp.</b>		8. WELL NAME and NUMBER: <b>Walker Hollow Unit 7</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 690688</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77269-0688</b>		9. API NUMBER: <b>4304715559</b>
PHONE NUMBER: <b>(281) 891-1576</b>		10. FIELD AND POOL, OR WILDCAT: <b>Walker Hollow (Green River)</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2100 FSL &amp; 730 FEL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE 12 7S 23E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>4/27/2009</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Test Well for</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Mechanical Integrity</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
This well was successfully tested for mechanical integrity 4/27/2009. A copy of EPA MIT Form is attached for your review.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Debra Harris</u>	TITLE <u>Regulatory Compliance Coordinator</u>
SIGNATURE _____	DATE <u>4/29/2009</u>

(This space for State use only)

**RECEIVED**  
**MAY 04 2009**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U S Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202 2466

EPA Witness: \_\_\_\_\_ Date: 4/27/09 <sup>1/MS</sup>  
 Test conducted by: Jeff Oaks COG Leroy Carmickle Big Red 80 05002.1  
 Others present: API: 43-047-15559

Well Name: <u>WHU #7</u>	Type: <u>(ER)</u> SWD	Status: <u>(AC)</u> TA UC
Field: <u>Walker Hollow</u>		
Location: <u>NE/SE</u> Sec: <u>12</u> T <u>7</u> N <u>(S)</u> R. <u>23</u> <u>(E)</u> W County: <u>Uintah</u> State: <u>UT</u>		
Operator: <u>Citation Oil &amp; Gas</u>		
Last MIT: <u>5/28/09</u>	Maximum Allowable Pressure: <u>1563</u>	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 123 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1260</u> psig	psig	psig
End of test pressure	<u>1260</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1705</u> psig	psig	psig
5 minutes	<u>1695</u> psig	psig	psig
10 minutes	<u>1685</u> psig	psig	psig
15 minutes	<u>1675</u> psig	psig	psig
20 minutes	<u>1670</u> psig	psig	psig
25 minutes	<u>1665</u> psig	psig	psig
30 minutes	<u>1660</u> psig	psig	psig
<u>33</u> minutes	<u>1660</u> psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:

Jeff Oaks COG  
Leroy Carmickle Big Red

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-066357
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> WALKER HOLLOW (GR)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> WALKER HOLLOW U 7
<b>2. NAME OF OPERATOR:</b> CITATION OIL & GAS CORP		<b>9. API NUMBER:</b> 43047155590000
<b>3. ADDRESS OF OPERATOR:</b> 14077 Cutten Rd , Houston, TX, 77069	<b>PHONE NUMBER:</b> 281 891-1550 Ext	<b>9. FIELD and POOL or WILDCAT:</b> WALKER HOLLOW
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FSL 0730 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 12 Township: 07.0S Range: 23.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/25/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
**FOR RECORD ONLY**  
May 09, 2014

<b>NAME (PLEASE PRINT)</b> Martha Smith	<b>PHONE NUMBER</b> 281 891-7576	<b>TITLE</b> Regulatory Compliance Coordinator
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/29/2014	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 4.125.2014  
 Test conducted by: Jeff Oaks - COGC Les Taylor - Big Red  
 Others present: \_\_\_\_\_

Well Name: <u>WHU # 7</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>Walker Hollow</u>		
Location: <u>NE/SE</u> Sec: <u>12</u> T <u>7</u> N <u>(S)</u> R <u>23</u> <u>(E)</u> W County: <u>Lincoln</u> State: <u>UT</u>		
Operator: <u>Citation Oil &amp; Gas</u>		
Last MIT: <u>4.127.109</u> Maximum Allowable Pressure: <u>1563</u> PSIG		

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 212 bpd

Pre-test casing/tubing annulus pressure: 0 psig

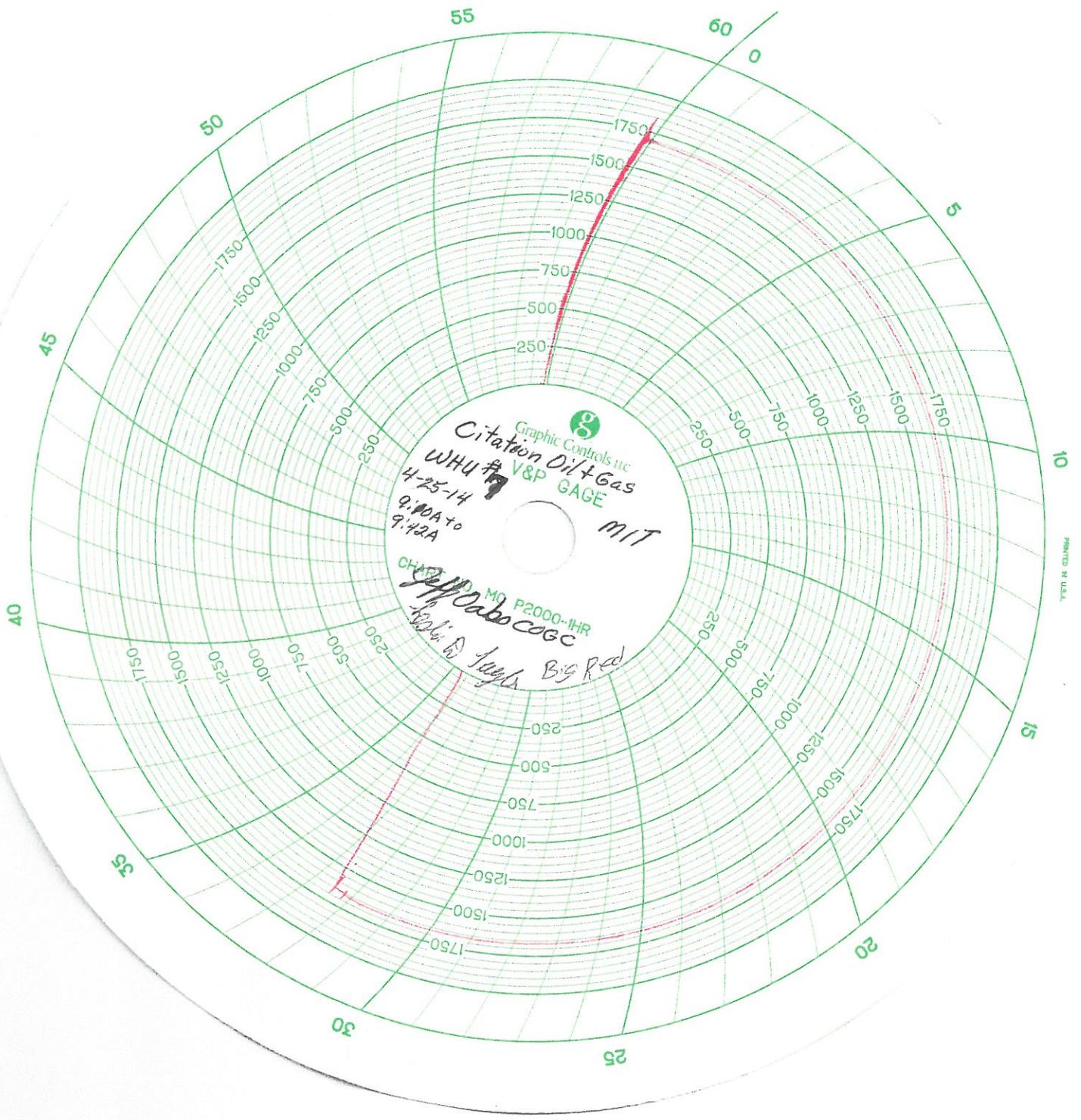
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1300</u> psig	psig	psig
End of test pressure	<u>1300</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1700</u> psig	psig	psig
5 minutes	<u>1680</u> psig	psig	psig
10 minutes	<u>1670</u> psig	psig	psig
15 minutes	<u>1670</u> psig	psig	psig
20 minutes	<u>1670</u> psig	psig	psig
25 minutes	<u>1665</u> psig	psig	psig
30 minutes	<u>1665</u> psig	psig	psig
<u>32</u> minutes	<u>1665</u> psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No Temp 47° F

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Jeff Oaks COGC  
Leslie D Taylor - Big Red Hot Oil



Graphic Controls Inc.  
Citation Oil & Gas  
V&P GAGE  
MIT  
4-25-14  
9:00A to 9:42A  
CHART NO P2000-1HR  
Jeff Cabocog  
100% Big Red

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