

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

City/State/Zip Oklahoma City, Ok 73126-0100

Purchaser: \_\_\_\_\_

Operator Contact Person: Jerry Ledlow

Phone (405) 749-2309

Contractor: Name: Duke Drilling Co

License: 5929

Wellsite Geologist: Harold Trapp

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Jones-Gebert Oil co.

Well Name: McGrath #1

Comp. Date 5/21/63 Old Total Depth 4751

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

WO 8/27/94 8/30/94 Pending  
Spud Date Date Reached TD Completion Date

API NO. 007-01042 **ORIGINAL**

County Barber

- NW - SE - NW Sec. 16 Twp. 33S Rge. 14 X W E

335S Feet from S/X (circle one) Line of Section

3355 Feet from E/X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name McGrath A Well # 1

Field Name Aetna

Producing Formation Mississippi

Elevation: Ground 1726 KB 1735

Total Depth 5010 PBSD 4957

Amount of Surface Pipe Set and Cemented at 812 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan DWSWD 12-11-95 JK  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Evaporation

Location of fluid disposal RECEIVED if hauled offsite:  
STATE CORPORATION COMMISSION

Operator Name DEC 1 1994

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter SECTION 16 S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). **One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title Staff Analyst Date 12/14/94

Subscribed and sworn to before me this 14th day of December, 1994.

Notary Public Jimmy L Padilla

Date Commission Expires 8-21-96

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name OXY USA Inc. Lease Name McGrath A Well # 1

Sec. 16 Twp. 33S Rge. 14  East  West  
 County Barber

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Dual Induction Focused Log  
 Z-Densilog Compensated Neutron Gamma Ray  
 Minilog

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
			Kinderhook Shale	4903	- 3168
Chattanooga Shale	4920	- 3185			
Viola	4966	- 3231			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24	812			
Production	7 7/8"	5 1/2"	14	5002	100 sks 65/35 Class A Poz w/6% gel + 1/4 pps Flocele + 200 sks 50/50 Class H Pozmix w/2%		

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4	4650 - 4660		Acidized w/1000 gal 15% FE acid
			Frac 37,500 gal foam and 45,000 #	
			12/20 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	4165					
Date of First, Resumed Production, SWD or Inj. Testing			Producing Method					
10/18/94			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	1/2		14		3			

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4650-4660

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

ORIGINAL

15-007-01042-00-01

TELEPHONE:  
AREA CODE 913 483-2627

**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 31  
RUSSELL, KANSAS 67665

*E-0645*

TO: OXY US& Inc.  
P. O. Box 26100  
Oklahoma City, Ok. 73126

INVOICE NO. 67202  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME McGrath A-1  
DATE Aug. 30, 1994

*9-1573216 X 23601/724*

SERVICE AND MATERIALS AS FOLLOWS:

Common H 100 sks @\$7.21	\$ 821.00 <sup>n</sup>
Pozmix 100 sks @\$3.00	300.00 <sup>n</sup>
Gel 3 sks @\$9.00	27.00
Chloride 2 sks @\$25.00	50.00
Lite 100 sks @\$5.20	520.00 <sup>n</sup>
Salt 12 sks @\$7.00	84.00
F1 10 84#@\$6.91	580.44 <sup>n</sup>
Flo seal 75#1\$1.10	82.50
Mud clean 500 gal @\$0.55	275.00 <sup>n</sup>
Handling 300 sks @\$1.00	300.00 <sup>n</sup>
Mileage (20) @\$0.04¢ per sk pe mi	240.00 <sup>n</sup>
Emp. chg.	1,170.00 <sup>n</sup>
M1 @\$2.25 pmp. trk.	45.00
l plug	45.00
1 g. shoe	125.00
1 f. collar	315.00 <sup>n</sup>
9 cent.	504.00 <sup>n</sup>
1 t. lock	30.00
1 r. head	<u>75.00</u>

1,097.78

RECEIVED  
STATE CORPORATION  
DEC 19 1994  
12-19-94  
CONSERVATION  
MICHIGAN DEPARTMENT OF  
JUN

1,800.00

Total

\$ 5,488.94

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

*4-21-10*

# ORIGINAL

Phone 913-483-2627, Russell, KS  
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

## ALLIED CEMENTING CO., INC.

6465

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date <i>8/30/94</i>	Sec. <i>16</i>	Twp. <i>33s</i>	Range <i>14w</i>	Called Out <i>1:00 AM</i>	On Location <i>4:00 AM</i>	Job Start <i>10:00 AM</i>	Finish <i>11:30 AM</i>
Lease <i>M<sup>c</sup>Grath</i>		Well No. <i>A-1</i>		Location <i>160<sup>th</sup> Lake City Rd 8s 2<sup>1</sup>/<sub>2</sub>W</i>		County <i>Barber</i>	State <i>KS</i>

Contractor <i>Duke Drilling Rig #5</i>	
Type Job <i>cmt 5<sup>1</sup>/<sub>2</sub> Prod. Csg</i>	
Hole Size <i>7<sup>1</sup>/<sub>4</sub></i>	T.D. <i>5010</i>
Csg. <i>5<sup>1</sup>/<sub>2</sub> 14<sup>1</sup>/<sub>2</sub></i>	Depth <i>5002</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <i>45</i>	Shoe Joint <i>45</i>
Press Max. <i>1500</i>	Minimum <i>100</i>
Meas Line	Displace <i>121</i>
Perf.	

Owner *Same*

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *Oxy USA Inc*

Street *PO Box 26100*

City *OK City* State *OK* *73126*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Donald Jensen*

### EQUIPMENT

No.	Cementer	<i>Max Ball</i>
Pumptrk <i>266</i>	Helper	<i>Justin Hart</i>
No.	Cementer	
Pumptrk	Helper	
Bulktrk <i>257</i>	Driver	<i>John Kelly</i>
Bulktrk	Driver	

CEMENT			
Amount	<i>100 bbls 65/75, 670 gal 4<sup>1</sup>/<sub>2</sub> Fl-seal</i>		
Ordered	<i>200 bbls 50/50 (1270 gal 4<sup>1</sup>/<sub>2</sub> Fl-seal 120 cc 500 gal Mud Clean)</i>		
Consisting of			
Common H	<i>100</i>	<i>2.21</i>	<i>221.00</i>
Poz. Mix	<i>100</i>	<i>3.00</i>	<i>300.00</i>
Gel.	<i>3</i>	<i>9.00</i>	<i>27.00</i>
Chloride	<i>2</i>	<i>25.00</i>	<i>50.00</i>
<del>Fl-seal</del> LITE	<i>100</i>	<i>5.20</i>	<i>520.00</i>
SALT	<i>12</i>	<i>7.00</i>	<i>84.00</i>
FL-10	<i>84<sup>#</sup></i>	<i>6.91</i>	<i>580.44</i>
Handling	<i>300</i>	<i>1.00</i>	<i>300.00</i>
Mileage	<i>300</i>		<i>240.00</i>
Fl-seal	<i>75<sup>#</sup></i>	<i>1.10</i>	<i>82.50</i>
Mud Clean	<i>500 GALS</i>	<i>.55</i>	<i>275.00</i>
BOOK PRICE	<i>\$5488.94</i>		
LESS	<i>1097.78</i>		
NET, 30 DAYS	<i>\$4391.16</i>	Total	<i>3179.94</i>

DEPTH of Job <i>5002'</i>	
Reference: <i>5002 FT Pump Charge</i>	<i>1170.00</i>
<i>20 Mi Mileage</i>	<i>45.00</i>
<i>1 Ea 5<sup>1</sup>/<sub>2</sub> Rubber Plug</i>	<i>45.00</i>
Sub Total	
Tax	
Total	<i>1260.00</i>

Remarks: *CMT 5<sup>1</sup>/<sub>2</sub> Prod csg with 100 bbls 65/75 670 gal 4<sup>1</sup>/<sub>2</sub> Fl-seal + 200 bbls 50/50 (1270 gal 4<sup>1</sup>/<sub>2</sub> Fl-seal 120 cc 500 gal Mud Clean 120 cc 500 gal FL-10 120 cc 500 gal Washup Pump Lines Drop Plug Displace 121 BBL Float Head*

Floating Equipment	
<i>1- 5<sup>1</sup>/<sub>2</sub> Guide Shoe</i>	<i>125.00</i>
<i>1- 5<sup>1</sup>/<sub>2</sub> Float Collar</i>	<i>315.00</i>
<i>9- 5<sup>1</sup>/<sub>2</sub> Centralizers</i>	<i>504.00</i>
<i>1- Thread Lock</i>	<i>30.00</i>
<i>Rotating Head</i>	<i>75.00</i>
	<i>\$1049.00</i>

MID-CONTINENT REGION  
QUOTATION SHEET

ORIGINAL

Well/Lease Name: McGrath A #1  
 Prepared By: Tim Voss  
 Date Effective: 8-19-94 Date Closed: \_\_\_\_\_

Job: Primary Cement  
 QUOT: Amends MSA for this job? YES/NO  
 If Yes, MSA # \_\_\_\_\_ 1331

TYPE OF QUOTE	Written (quotes attached)	<input checked="" type="checkbox"/> Oral (see below)	Waiver (reason why be)
(1) Single source of supply.			
(2) Competition is precluded by patents, copyrights, proprietary process.			
(3) Services of a proprietary nature are required, such as maintenance, repair, alteration, or inspection of equipment.			
(4) Urgency of a situation or a construction schedule mandates the fastest possible delivery.			
(5) Standardization is economically justified in order to minimize inventory.			
(6) Similar materials or services are available through another company, division or location within the Occidental organization.			

Scope of services to be provided and incidental materials:

500 gal Mud Flush, 100 5x 65/35 'A' po2 w/ 1/4 pps floccle, 200 SX  
50/50 'H' po2 w/ 12% salt, 2% gel, 1/2% FLA, 1% CaCl +  
1/4 pps floccle, 10 5/8" centralizers, float collar, guide shoe, Thread-Loc  
Rotating Head.

ORAL QUOTATION (use back, if necessary)

(1) Vendor Name: Halliburton Contact: Jim Lawson  
 Phone: 265-8611 Price: 5231  
 Description: \_\_\_\_\_

(2) Vendor Name: Allied Contact: Kevin Brungar  
 Phone: 886-5926 Price: 4436  
 Description: \_\_\_\_\_

(3) Vendor Name: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Price: \_\_\_\_\_  
 Description: \_\_\_\_\_

QUOTATION SELECTION - REASON:

Allied - low bid

QUOTE WAIVER AND/OR QUOTE SELECTION APPROVAL IF REQUIRED:

Trinity G. Coos

- No Variance is expected (Send to F&A).
- 10% variance expected due to the variables involved in the work bid (Send to F&A).
- Cementing, Fracing, Acidizing (only) will vary more than 10% due to the variables involved with these specific types of work and additional approval is required. (Send to F&A after additional approval is obtained.)

Phone 913-483-2527, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-825-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6465

ORIGINAL

New

DATE	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8/30/94	16	33S	14W	1:00 AM	4:00 AM	10:00 AM	11:30 AM
NAME	Well No.	Location			County	State	
M <sup>c</sup> Grath	A-1	60 <sup>th</sup> Lake City Rd 8 <sup>th</sup> 2 <sup>nd</sup> W			Barber	KS	

Contractor	Duke Drilling Rig #5
Job	CMT 5 <sup>1</sup> / <sub>2</sub> Produ. Csg
Log Size	7 <sup>1</sup> / <sub>4</sub>
Log -	5 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub>
Log Size	
Depth	T.D. 5010
Depth	5002
Depth	
Depth	
Shoe Joint	45
Minimum	100
Displace	121

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	Oxy USA Inc
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
<b>CEMENT (AFE)</b>	

**EQUIPMENT**

No.	Cementor	Max Ball
266	Helper	Justin Hart
No.	Cementor	
	Helper	
257	Driver	John Kelley
	Driver	

Amount	100 SKS 65/35, 200 SKS 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50
Ordered	200 SKS 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50, 127 <sup>1</sup> / <sub>2</sub> 50/50
Consisting of	
Common H	100 721.00
Pos. Mix	100 300.00
Gel.	3 27.00
Chloride	2 50.00
FL-10	100 520.00
SALT	12 84.00
FL-10	84# Sales Tax 580.4
Handling	300 300.00
Mileage	300 240.00
FL-Seal	75# 82.50
MUD CLEAN	500 GALS 225.00
BOOK PRICE	# 5488.94
LESS	1097.78
NET, 30 DAYS	# 4391.16
Total	3179.94

DEPTH of Job	5002'
5002 FT Pump Charge	1120.00
20 Mi Mileage	45.00
1 Ea 5 <sup>1</sup> / <sub>2</sub> Rubber Plug	45.00
Sub Total	
Tax	
Total	1260.00

Remarks: CMT 5<sup>1</sup>/<sub>2</sub> Prod csg with 100 SKS 65/35  
 Topel 4<sup>th</sup> Flo-seal + 200 SKS 50/50 (#) 220  
 127<sup>1</sup>/<sub>2</sub> 50/50 salt 4<sup>th</sup> Flo-seal 5/10<sup>th</sup> FL-10 120 each  
 Washup Pump Lines Drop Plug Displace  
 121 88L Float Held

Floating Equipment	
1-5 <sup>1</sup> / <sub>2</sub> Guide Shoe	125.00
1-5 <sup>1</sup> / <sub>2</sub> Float Collar	315.00
1-5 <sup>1</sup> / <sub>2</sub> Centralizers	520.00
1-Thread Lock	30.00
Rotating Head	75.00
Total	\$1049.00

Price as agreed  
 \$4436

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0006465

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	3/30/94	Sec. No.	16	Range	1-4W	Called Our	1:00 AM	Work On	4:00 AM	Job Start	10:00 AM	Job Finish	11:30 AM
Lease	11 <sup>th</sup> Crath	Well No.	A-1	Location	Co. 10 1/2 N 23 E 23 W	County	Wichita	State	KS				
Contractor	Duke Drilling, Inc. 125												
Type Job	Cmt 5 1/2 Prod. Csg												
Hole Size	7 1/8 T.D. 5010												
Csg.	5 1/2 14" Depth 5002												
Tbg. Size													
Drill Pipe													
Tool													
Cement Left in Csg.	4.5 Shoe Joint 4.5												
Press Max.	1500 Minimum 1000												
Meas. Line	Displace 121/2												
Perf.													
<b>EQUIPMENT</b>													
No.	Cementing	Max Ballie											
Pumpjack	266	Helper	Justin Hart										
Pumpjack		Helper											
Bulkhead	257	Driver	Steve Kethen										
DEPTH of Job	5002 ft												
Reference	1000												
Mileage	1 Ea 5 1/2 Rubber Plug												
Sub Total													
Tax													
Total													
Remarks	Cmt 5 1/2 Prod. Csg with 1000 5 1/2 65/35												
	6 1/2 gal 1/4" Flt - 5010 4 200 5 1/2 501/50 (H) 22												
	12 1/2 gal 1/4" Flt - 5010 4 200 5 1/2 501/50 (H) 22												
	Washer Pump Lines - Drop Plug - Displace												
	121 BRL Flat Head												
	To Allied Cementing Co. Inc. You are hereby requested to rent, cementing, equipment and furnish cement and helper to assist owner or contractor to do work as listed.												
	Charge To Oxy USA INC												
	The above was done to satisfaction and supervision of owner agent or contractor.												
	Amount 100.00 Ordered 200.00 Consisting of												
	Common Portland Cement												
	Quickset												
	Floating Equipment												
	1 - 5 1/2" Csg. 1 - 5 Ho												
	1 - 5 1/2" Flt to Collar												
	1 - 5 1/2" Clean Tool 1/2 in 5												
	1 - Thread Lock												
	1 - Retaining Head												