

DAILY DRILLING REPORT # \_\_\_\_\_

Time: \_\_\_\_\_ Date: 12-17-85 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_

Well Name: Orange Brown #1 Operator: \_\_\_\_\_

Location: 21-24S-34W County: Finney State: Kansas

Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'

Present Depth: 2400' Penetration: \_\_\_\_\_ Status: dr/g

Activity Last 24 Hours: dr/d out @ 2300 hrs

Current Lithology: 50% LS + 50% Sh

Background Gas: Range: \_\_\_\_\_ Average: 2-3 units

Rate of Penetration: Range: \_\_\_\_\_ Average: 1.1 m/f

Drilling Parameters: WOB: 30M RPM: 89 PP: 1300

Mud: WT: 8.4+ VIS: 27 WL: N.C. PH: 8.5 CL: 1300

Hole Surveys: Type: DROP Depth: 1977' Deviation: 1°

Shows: Formation: None Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Dr/g Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Dr/g Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: \_\_\_\_\_

Cost To Date: \_\_\_\_\_ Geologist: Dave Pavlek (Mudlogger)

**DAILY DRILLING REPORT # \_\_\_\_\_**

Time: \_\_\_\_\_ Date: 12-18-85 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_  
 Well Name: Orange Brown #1 Operator: \_\_\_\_\_  
 Location: 21-24S-34W County: Finney State: Kansas  
 Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'  
 Present Depth: 3190' Penetration: \_\_\_\_\_ Status: dry  
 Activity Last 24 Hours: 1 rrg corr, 23 dry

Current Lithology: 70% LS + 30% sh

Background Gas: Range: \_\_\_\_\_ Average: 5 units  
 Rate of Penetration: Range: \_\_\_\_\_ Average: 2+ mpt  
 Drilling Parameters: WOB: 35M RPM: 89 PP: 1300  
 Mud: WT: 8.9 VIS: 32 WL: 47.6 PH: 8.0 CL: 900  
 Hole Surveys: Type: wireline Depth: 2916 Deviation: 7/4°

Shows: Formation: Chase / Winfield Interval: \_\_\_\_\_  
 Lithology: GAS: 90 units @ 2626', 90 units @ 2642', 80 units @ 2654' → BKGD was up to 50 units

Flour & Cut: \_\_\_\_\_

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Shows: Formation: Council Grove Interval: \_\_\_\_\_  
 Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	<u>1</u>	_____	_____	_____	_____	_____	_____
During:	_____	<u>12</u>	_____	_____	_____	_____	_____	_____
After:	_____	<u>1</u>	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: Summit 2206 (+772), Chase 2506 (+472), Winfield 2574 (+404), Council Grove 2800 (+178), Admire 3108 (-130), Wabaunsee 3160 (-182)

Cost To Date: \_\_\_\_\_ Geologist: Dave Pavak

DAILY DRILLING REPORT # \_\_\_\_\_

Time: \_\_\_\_\_ Date: 12-14-85 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_

Well Name: Orange Brown #1 Operator: \_\_\_\_\_

Location: 21-24S-34W County: Finney State: Kansas

Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'

Present Depth: 3900' Penetration: \_\_\_\_\_ Status: Drig

Activity Last 24 Hours: 1 rig repair, 23 drig

Current Lithology: 80% LS 20% sh

Background Gas: Range: \_\_\_\_\_ Average: 5-6 units

Rate of Penetration: Range: \_\_\_\_\_ Average: 2 mpf

Drilling Parameters: WOB: 35 M RPM: 89 PP: 1350

Mud: WT: 8.9 VIS: 33 WL: 23.5 PH: 8.0 CL: 600

Hole Surveys: Type: None Depth: \_\_\_\_\_ Deviation: \_\_\_\_\_

Shows: Formation: None Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: Shawnee 3498 (-520) ;

Post To Date: \_\_\_\_\_ Geologist: Dave Povek (Mudloger)

DAILY DRILLING REPORT # \_\_\_\_\_

Time: \_\_\_\_\_ Date: 12-20-85 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_  
 Well Name: Orange Brown #1 Operator: \_\_\_\_\_  
 Location: 21-24S-34W County: Finney State: Kansas  
 Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'  
 Present Depth: 4531' Penetration: 631' Status: dry  
 Activity Last 24 Hours: 24 dry

Current Lithology: \_\_\_\_\_

Background Gas: Range: 2-4 Average: 3 units  
 Rate of Penetration: Range: 1/2-4 Average: 2 1/2 mpf  
 Drilling Parameters: WOB: 35M RPM: 64-89 PP: 1400  
 Mud: WT: 8.9 VIS: 37 WL: 24 PH: 8.5 CL: 500  
 Hole Surveys: Type: wireline Depth: 3954 Deviation: 1°

Shows: Formation: None Interval: \_\_\_\_\_  
 Lithology: \_\_\_\_\_  
 Flour & Cut: \_\_\_\_\_

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_  
 Lithology: \_\_\_\_\_  
 Flour & Cut: \_\_\_\_\_

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: Chan 2420, Wint 2545, CGV 2770, Admire 3095, Wab 3155,  
Shawn 3505, Lans 3860', K.C. 4085, Marm 4400, Clark 4523?

Cost To Date: 99M Geologist: Laura fix

48' row to prognosis

316-275-7051 *48*

275-7471 *hotel #232*

DAILY DRILLING REPORT # 12/21

Time: \_\_\_\_\_ Date: 12/21 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_

Well Name: Orange Brown #1 Operator: \_\_\_\_\_

Location: 21-249-34W County: Finney State: Kansas

Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'

Present Depth: 4821 Penetration: 298 (304?) Status: TON for test

Activity Last 24 Hours: open tool 17 dly C+C for DST Thus

Morrow Sl

Current Lithology: \_\_\_\_\_

Background Gas: Range: 3-10 Average: 6

Rate of Penetration: Range: 1/2.5 mpt Average: 3 1/2

Drilling Parameters: WOB: 35-40 RPM: 64-89 PP: 1500

Mud: WT: 9.0 VIS: 44 WL: 9.2 PH: 10 CL: 500

Hole Surveys: Type: None Depth: \_\_\_\_\_ Deviation: \_\_\_\_\_

Shows: Formation: Morrow Sl Interval: 4805-22 strip -

Lithology: f-mud gr g cut - spot heavy oil stain... Sl-d f-mud gr SA mod sort

Flour & Cut: Sl fri sh calc - glauc gP dull yel flour g str. cut

*spot oil stain streaks of oil on pits*

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before: 17'	<u>6.5</u>	<u>6.6</u>	<u>.009</u>	<u>.001</u>	<u>0</u>	<u>.</u>	<u>.</u>	<u>.</u>
During:	<u>3.5</u>	<u>197.197</u>	<u>.4</u>	<u>.07</u>	<u>.122</u>	<u>.033</u>	<u>.047</u>	<u>.</u>
After:	<u>1.5</u>	<u>6</u>	<u>.008</u>	<u>.002</u>	<u>.004</u>	<u>.</u>	<u>.</u>	<u>.</u>

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: Morrow 4720 25' low to prog - 20' high to offset

Cost To Date: 114480 Geologist: L Fox

Orange Bourn #2

DAILY DRILLING REPORT #

Time: \_\_\_\_\_ Date: 12/22 Spud Date: 12-~~21~~<sup>14</sup>85 Days From Spud: \_\_\_\_\_  
 Well Name: ~~Grand Marshall #2~~ Operator: Mobil  
 Location: ~~23-328-36W~~ County: ~~St. Louis~~ FINNY State: KS  
 Elevation: GL: ~~3042~~ 2962 DF: \_\_\_\_\_ KB: 2978  
 Present Depth: 5065 Penetration: 236 Status: dry  
 Activity Last 24 Hours: 1242 T + DST 9hr Dry  
TD in St. Louis<sup>15</sup>

Current Lithology: \_\_\_\_\_

Background Gas: Range: 8-10 Average: 9  
 Rate of Penetration: Range: 1-3 1/2 Average: 2 1/2  
 Drilling Parameters: WOB: 40 RPM: 89 PP: 1500  
 Mud: WT: 9.0 VIS: 41 WL: 11.6 PH: 9.5 CL: 700  
 Hole Surveys: Type: 4810 WZ Depth: \_\_\_\_\_ Deviation: 30

Shows: Formation: MW Interval: 4859-74

Lithology: SOMX

Flour & Cut: SOMX

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before: 1.5	9 →							
During: 1.0	58 →						X	
After: 1.5	9 →							

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drlg Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:								
During:								
After:								

Cores and Test Results: \_\_\_\_\_

Formation Tops: MW 4745 St. Louis 4875

St Louis C 4965 N.S.

Cost To Date: \$122,911 Geologist: \_\_\_\_\_

desk/09  
013f

Get directions for LF to Marshall Well

lower than offset well appears wet in lower part

Logging by 2:pm.

DAILY DRILLING REPORT # \_\_\_\_\_

Time: \_\_\_\_\_ Date: 12/23 Spud Date: 12-14-85 Days From Spud: \_\_\_\_\_

Well Name: Orange Brown #1 Operator: \_\_\_\_\_

Location: 21-245-34W County: Finney State: Kansas

Elevation: GL: 2962' DF: \_\_\_\_\_ KB: 2978'

Present Depth: 5102 Penetration: 36' Status: LDDP

Activity Last 24 Hours: Dril 3hr C+C 5 1/2 Log 11 1/2 C+C ss 4hr

DIC/Sonic 5050-surface csg

CNC/FDC microwog 4910-4575, 4368-surface csg

Current Lithology: \_\_\_\_\_

Background Gas: Range: 9w Average: \_\_\_\_\_

Rate of Penetration: Range: 1-3 1/2 Average: 3

Drilling Parameters: WOB: 40 RPM: 89 PP: 1500

Mud: WT: 9.0 VIS: 18 WL: 10.6 PH: 9 CL: 700

Hole Surveys: Type: -W.L. Depth: 5057 Deviation: 20

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Shows: Formation: \_\_\_\_\_ Interval: \_\_\_\_\_

Lithology: \_\_\_\_\_

Flour & Cut: \_\_\_\_\_

	Drig Break	Total Gas	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	IC <sub>4</sub>	NC <sub>4</sub>	C <sub>5</sub>
Before:	_____	_____	_____	_____	_____	_____	_____	_____
During:	_____	_____	_____	_____	_____	_____	_____	_____
After:	_____	_____	_____	_____	_____	_____	_____	_____

Cores and Test Results: \_\_\_\_\_

Formation Tops: \_\_\_\_\_

Cost To Date: 145,461 Geologist: \_\_\_\_\_