

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 049 24931

Approval Date: 01/24/2013

Expiration Date: 07/24/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 2N Rge: 3E

County: GARVIN

SPOT LOCATION: SW SW SE NE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 280 1495

Lease Name: MALA-ESKA

Well No: 3

Well will be 280 feet from nearest unit or lease boundary.

Operator Name: CRISWELL ENERGY LLC

Telephone: 5804510053

OTC/OCC Number: 22263 0

CRISWELL ENERGY LLC
1264 FOREST HOME RD
MONTEZUMA, IA 50171-8500

DAVID BARRETT
50660 E. CR 1630
ROFF OK 74865

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	ADA (PERMIAN)	700	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 1100

Ground Elevation: 1200

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 160

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 4000 Average: 1000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
ALTERNATE CASING	1/23/2013 - G71 - APPROVED WITH THE FOLLOWING CONDITIONS: 1) DRILLING FLUID WILL BE MUD PRIOR TO TOTAL DEPTH; AND, 2) COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF AS SOON AS POSSIBLE. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED PER RULE 165: 10-3-4 (D)(4)(C)
SPACING	1/24/2013 - G75 - FORMATION UNSPACED; 100-ACRE LEASE (S2 NE4 & E2 NE4 NE4)
WELL TYPE	1/24/2013 - G75 - OIL/GAS PER OPERATOR

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