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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32294
Name: OSBORN ENERGY, LLC
Address: 24850 FARLEY
City/State/Zip: BUCYRUS, KS 66013
Purchaser: AKAWA NATURAL GAS, LLC
Operator Contact Person: JEFF TAYLOR
Phone: (913) 533-9900
Contractor: Name: GLAZE DRILLING
License: 5885

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Wellsite Geologist: MEREDITH PEARCE
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/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>07/17/06</u> | <u>07/20/06</u> | <u>07/21/06</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 121-28186-0000
County: MIAMI
SE SW NW _____ Sec. 16 Twp. 16 S. R. 25 East West
2310 feet from S (N) (circle one) Line of Section
990 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: MAZZA Well #: 2
Field Name: LOUISBURG
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1078' Kelly Bushing: _____
Total Depth: 643' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 0
feet depth to 20 w/ 6 sx cmt.

Drilling Fluid Management Plan API 15-28186-0000
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: Meredith D. Pearce
Title: GEOLOGIST Date: Aug 18, 2006
Subscribed and sworn to before me this 18 day of August
20 06

Notary Public: _____
Date Commission Expires: _____
Erin R. Stephenson
Notary Public
State of Kansas
My Appointment Expires 11-24-07

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: OSBORN ENERGY, LLC

Lease Name: MAZZA

Well #: 2

AUG 18 2006

Sec. 16 Twp. 16 S. R. 25 East West

County: MIAMI

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No (Attach Additional Sheets)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

WELL LOG ATTACHED

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No (Submit Copy)

List All E. Logs Run:

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include SURFACE, PRODUCTION, and LINER.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

Table with 3 main sections: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, and Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used).

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Table with 2 columns: Date of First, Resumerd Production, SWD or Enhr. and Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with 4 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas and METHOD OF COMPLETION table with checkboxes for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled, and Other.

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Driller Log

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Mazza #2-16

2310 FNL, 990 FWL
Section 16-T16S-R2E
Miami Co., Kansas
API#15-121-28186
Elevation: 1078' GL
Driller: Osborn Energy, LLC
Spud: 07-17-06
Production Bore Hole: 9 5/8"
Rotary Total Depth: 643' on 07-20-06
Drilling Fluid: air
Production Csg.: 7"
Geologist: Meredith Pearce

| <u>Formation</u> | <u>Driller Log Tops</u> | <u>Datum</u> |
|----------------------------------|-------------------------|--------------|
| Stark Shale | 221' | 857' |
| Hushpuckney Shale | 247' | 831' |
| Base Kansas City | 266' | 812' |
| Knobtown Sand | No call | |
| "Big Lake" Sand | No call | |
| South Mound Zone | 416' | 662' |
| Hepler (Wayside) Sand | No call | |
| "Upper" Mulberry Zone | No call | |
| Mulberry Zone | No call | |
| Weiser Sand | No call | |
| Myrick Station | 505' | 573' |
| Anna Shale (Lexington Coal Zone) | 510' | 568' |
| Peru Sand | No call | |
| Summit Shale Zone | 547' | 531' |
| Mulky Coal/Shale Zone | 571' | 507' |
| Squirrel Sand | No call | |
| Rotary Total Depth | 643' | |

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Geological Report

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Drilling at 160' in the Kansas City on 07-18-06.
Background Gas (BG) 16 units, no prior gas kicks

160-165 SH: gy, sandy
165-170 LS: tan, hard, calcite in fractures
170-175 LS: aa
175-180 LS: aa - SH: gy
180-185 SiltSt: gy - SH: gy - LS: tan
185-190 SiltSt: gy - SH: gy, silty
190-195 SH: gy, sandy in places - LS: tan, gy, calcite
195-200 LS: tan, gy, calcite in fractures
200-205 aa
205-210 aa
210-215 LS: tan, gy, calcite - SH: gy

Sample bags adjusted to fit joints
CG @218 20 units, 15 BG

STARK FORMATION driller called @221', gas kick to 17 units, 1 over BG

215-222 SH: gy, dk gy, TR blk
222-227 SH: dk gy, gy, TR blk - LS: tan, calcite, fossiliferous
227-232 LS: tan, calcite - SH: gy, Lt gy
232-237 LS: tan, gy, calcite, TR SH: blk
237-242 aa

CG @242 23 units, 18 BG

242-247 LS: tan, gy, calcite - SH: gy, TR dk gy

HUSHPUCKNEY SHALE driller called @247', gas kick to 19 units, 1 over BG

247-252 LS: tan, calcite - SH: gy, dk gy, TR blk
252-257 LS: tan, brn, calcite - SH: gy, dk gy, blk
257-262 SH: gy, dk gy - LS: tan, brn, calcite
262-267 LS: tan, calcite, fossils - SH: gy, Lt gy

CG @267 20 units, 19 BG

267-272 SH: Lt gy, sandy in places - LS: tan, calcite
272-277 SH: Lt gy, sandy in places, TR pyritic - LS: tan, calcite
277-282 SH: gy, silty
282-287 SiltSt: gy - SH: gy, silty

KNOBTOWN SAND not called, gas kick to 21 units, 1 over BG

287-292 SH: gy, sandy - SS: clr, gy, shly, ang., poor sort

****GAS TEST @292', No open flow****

CG @292 28 units, 21 BG

292-297 SS: clr, gy, shly, ang., poor sort, occ oil on samples
297-302 aa
302-307 SH: gy, sandy, occ oil on samples
307-312 SH: gy, sandy in places
312-317 aa

CG @317 21 units, 20 BG

317-322 SH: gy, silty
322-327 aa

Gas kick to 24 units, 2 over BG ("Lower" Knobtown not developed)

327-332 SH: gy, sandy in places

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332-337 aa
337-342 aa

CG @342 25 units, 24 BG
342-347 aa
347-352 SH: gy
352-357 aa
357-362 aa
362-367 aa

CG @367 25 units, 24 BG
367-372 SH: gy, sandy in places

"BIG LAKE" SAND not called, gas kick to 27 units, 3 over BG
372-377 SH: gy, sandy in places - SS: clr, gy, tan, ang., poor sort
377-382 SH: gy, sandy in places - SS: clr, gy, tan, ang., poor sort
382-387 SS: clr, gy, tan, ang., poor sort - SH: gy
387-392 SH: gy - SS: clr, tan, lmy in places

CG @392 25 units, 24 BG
392-397 SH: gy, sandy in places
397-402 SH: gy
402-407 SH: gy, silty
407-412 SH: gy

SOUTH MOUND ZONE called @416', gas kick to 366 units, 342 over BG
412-417 SH: gy, TR blk w/free gas

CG @417 496 units, 100 BG
417-420 SH: blk, dk gy, gy, free gas

****GAS TEST @420', Too small to measure**** poor seal at diverter

Drilling stopped @420' to cement

Resumed drilling on 07-20-06 at 7:30am

Background gas, 19 units
420-423 SH: gy, TR blk
Gas kick to 34 units, 19 BG
423-428 SH: gy
428-433 aa
433-438 aa
438-443 aa

CG @443 27 units, 25 BG
443-448 SH: gy, sandy in places, TR lmy
448-453 SH: gy, TR LS: tan
453-458 SH: gy, TR LS: tan
458-463 LS: tan, calcite in fractures - SH: gy
463-468 LS: tan to brn, calcite in fractures

CG @468 26 units, 22 BG
468-473 LS: brn, tan, calcite in fractures - SH: gy
473-478 aa
478-483 aa
483-488 LS: brn, calcite, TR fossils
488-493 LS: brn, calcite, TR fossils - SH: gy

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CG @493 29 units, 22 BG
493-498 SH: gy - LS: tan
498-503 SH: gy, silty
503-508 LS: brn, dk brn, calcite - SH: gy, pyrite

LEXINGTON COAL ZONE called @510', kick to 728 units, 707 over BG
508-513 LS: dk brn, brn - SH: gy, dk gy, blk, v slight free gas, pyrite
513-518 SH: gy, sandy, blk, TR coal, TR pyrite, v slight free gas

****GAS TEST @518', 163 MCF****

CG @518 158 units, 53 BG
518-523 LS: tan, calcite - SH: gy, TR coal
523-528 SH: gy, TR coal, TR pyrite - LS: tan
528-533 SH: gy, lmy
533-538 SH: gy, lmy - LS: tan
538-543 LS: tan, brn, calcite - SH: gy

CG @543 32 units, 20 BG

SUMMIT SHALE ZONE called @547', kick to 736 units, 734 over BG
543-548 SH: gy, dk gy, blk, slight free gas - LS: tan, calcite
Gas kick to 604 units, 444 over BG, surging water from summit
548-553 SH: blk, free gas, dk gy, gy, TR coal, TR pyrite, TR LS: tan
Gas kick to 316 units, 204 over BG, surging water from summit
553-558 SH: gy, blk - LS: tan, calcite, fossils
558-563 SH: gy, lmy, TR blk
563-568 SH: gy - LS: gy

****GAS TEST @568', Decrease to 115 MCF**** making water, surging

CG @568 29 units, 22 BG, water impeding chromatograph readings

MULKY COAL/SHALE ZONE called @571', kick to 67 units, 58 over BG
568-573 SH: gy, dk gy, pyritic - LS: tan, gy, calcite
573-578 SH: blk, dk gy, pyritic, no shows of free gas
578-583 SH: blk, dk gy, gy, pyritic
583-588 SH: gy, lmy
588-593 SH: gy, sandy in places, TR coal, TR pyrite

****GAS TEST @593', Decrease to 68 MCF****

CG @593 12 units, 10 BG
593-598 SH: gy, lmy, sandy in places, dk gy, pyritic - LS: gy, sandy

SQUIRREL SAND not called, gas kick to 18 units, 7 over BG
598-603 SS: clr, tan, gy, shaly, lmy in places, ang., poor sort, well
cmt'd, - SH: gy, sandy - LS: tan, sandy
603-608 SS: clr, tan, gy, shaly, lmy in places, ang., poor sort, well
cmt'd, - SH: gy, sandy - LS: tan
608-613 SS: clr, tan, gy, shaly, lmy in places, ang., poor sort, well
cmt'd, - LS: tan, calcite - SH: gy, sandy
613-618 SS: clr, tan, gy, shaly, lmy in places, ang., poor sort, well
cmt'd, micaceous, TR pyrite, TR coal

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CG @618 25 units, 11 BG
618-623 SH: gy, sandy - LS: gy, tan, TR SS: aa
623-628 LS: brn, sandy, calcite - SH: gy, dk gy, grn, TR pyrite
628-633 LS: brn, sandy, calcite, fossils - SH: gy
633-638 SS: clr, ang to sub-rnd, occ oil, TR coal - LS: brn, sandy -
SH: gy
638-643 SH: gy, pyrite - SS: clr, ang to sub-rnd, occ oil, TR coal

****GAS TEST @643', No Increase, 68 MCF****

TD @643' on 07-20-06

Brief Summary

| | |
|---------------|----------------------|
| Stark | No open flow |
| Hushpuckney | No open flow |
| South Mound | Too small to measure |
| Lexington | 163 MCF |
| Summit | No increase |
| Mulky | No increase |
| Squirrel Sand | No increase |
| <u>Total</u> | <u>163 MCF</u> |

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